Lancaster Farming

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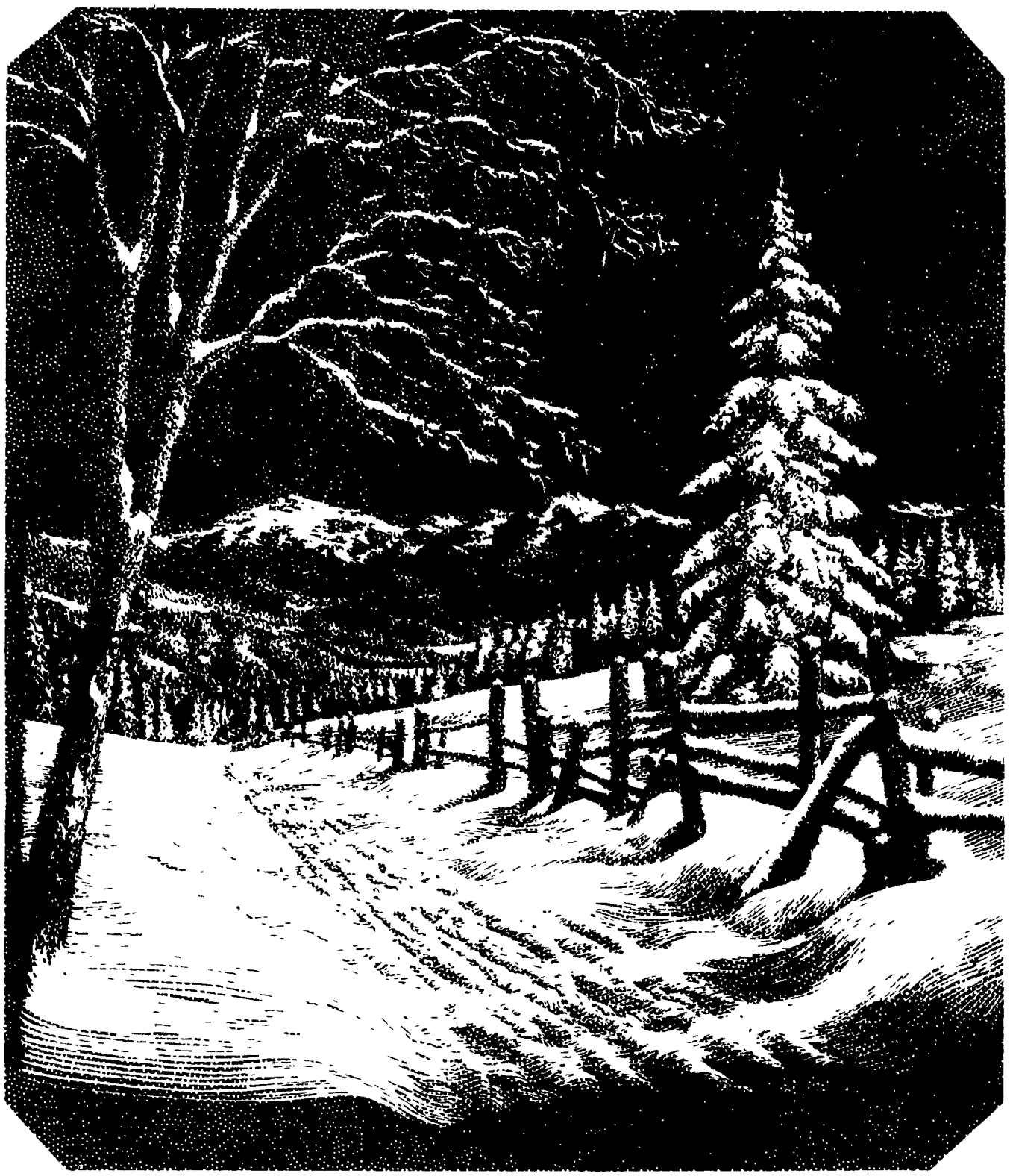


Merry Christmas from Lancaster Farming

Livestock market and auction news

Lancaster Market

Monday, Dec. 17, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	919	134	1297	1898
Last Monday	878	134	1014	858
Last Year	1098	119	935	1264
Monday's Auction	952	158	942	2014
Last Monday's Auction	821	137	927	832

CATTLE: Compared to last Monday slaughter steers 50-1.00 lower; slaughter heifers steady; cows steady to 50 higher; bullocks scarce, few sales 1000 higher; bulls 1.00 higher, instances 2.00 higher. Supply included 47% slaughter steers, 18% slaughter heifers, 22% cows, and 13% bulls.

SLAUGHTER STEERS: Part load high Choice and Prime 3-4 1400-1505 lb. 69.00-70.00; Choice 2-4 1050-1350 lb. 66.25-68.00, few 68.00-69.00; high Good and low Choice 2-3 1000-1300 lb. 64.00-66.00; few Good 2-3 58.00-64.00; few Choice 1200-1425 lb. Holsteins 54.75-57.25, Good 1150-1400 lb. 51.00-54.50, Standard 1000-1450 lb. 46.00-50.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1150 lb. 60.00-64.00, few 64.00-65.25; couple Choice 2 1115-1145 lb. 67.00-69.00; Good 2-3 875-1100 lb. 55.00-60.00.

COWS: Breaking Utility and Commercial 2-4 37.50-39.50, few 39.50-40.25; Cutter and Boning Utility 1-3 34.50-37.00, few 37.00-37.50; Canner and low Cutter 31.00-34.50.

BULLOCKS: Few Choice 2-3 1070-1505 lb. 59.75-62.50, couple 65.25-65.75.

BULLS: Yield grade 1 1350-1800 lb. 50.00-54.75, couple 56.50-59.25; yield grade 2 1000-1500 lb. 46.00-50.50.

VEAL CALVES: Vealers firm to 5.00 higher. Demand fair for Holstein bulls to return to farm. Supply included 15 head Prime special fed 375 lb. bought to arrive at 110.00.

VEALERS: Few Choice and Prime 180-300 lb. 100.00-105.00; Choice 160-300 lb. 85.00-100.00; high Good and low Choice 160-300 lb. 70.00-85.00, 120-160 lb. 55.00-70.00, 80-115 lb. 38.00-50.00.

SLAUGHTER CALVES: Good and Choice 270-450 lb. 45.00-60.00.

RETURNED TO FARM: Few 95-120 lb. Holstein bulls 50.00-75.00.

SHEEP: Compared to last Monday wooled lambs mostly steady; slaughter ewes 5.00 higher. Supply included around 300 head 25-60 lb. new crop lambs and about 400 goats.

WOOLED LAMBS: Choice and Prime 85-110 lb. 68.00-70.00; Choice 80-120 lb. 61.00-66.00; Good 60-90 lb. 58.00-62.00, few 45-65 lb. mainly buck lambs 70.00-76.00.

NEW CROP LAMBS: Choice 25-35 lb. 150.00-188.00, 35-45 lb. 125.00-150.00; Good 25-50 lb. 85.00-125.00.

SLAUGHTER EWES: Utility and Good 20.00-35.00.

GOATS: All goats sold by the head; large mature mainly 48.00-65.00, few 65.00-80.00; medium sized goats 30.00-48.00; small, mainly kids, 15.00-35.00.

Vintage Market

Tuesday, Dec. 18, 1984
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1042	836	38	4
Last Tuesday	909	889	6	2
Last Year	1002	908	40	3

CATTLE: Compared to last Tuesday slaughter steers to 1.00 lower; slaughter heifers steady to [illegible], cows firm to 1.00 [illegible] stances 2.00 higher on Canner and low Cutter; bulls not fully tested. Supply included 50 percent slaughter steers and 42 percent cows.

SLAUGHTER STEERS: Good and Choice 1-2 and few high Choice and [illegible] 1125-1375 lb. 70.25-71.75, five head 72.00-72.75; Choice 2-4 1075-1425 lb. 66.00-70.25, mainly 67.00-69.00; high Good and low Choice 2-3 1000-1275 lb. 62.00-66.10; Good 2-3 58.75-62.50.

SLAUGHTER HEIFERS: Few Choice 2-3 950-1150 lb. 61.75-64.10, couple 64.25-65.25; few Good 2-3 875-1050 lb. 55.00-60.00.

COWS: Breaking Utility and Commercial 2-4 37.50-40.00, few 40.75-42.50; Cutter and Boning Utility 1-3 34.50-38.75; Canner and low Cutter 31.25-35.00.

BULLS: Few yield grade 1-2 1400-1800 lb. 47.00-50.75.

VEAL CALVES: Vealers firm to 2.00 higher. Supply included 609 in graded sale of which 67 percent sold to return to farm.

VEALERS: Few Choice 175-235 lb. 81.00-90.00; high Good and low Choice 160-300 lb. 65.00-80.00, 120-160 lb. 50.00-70.00, 80-115 lb. 44.00-50.00, 70-80 lb. 38.00-44.00, few 55-70 lb. 32.00-40.00.

RETURNED TO FARM: 35 head 100-120 lb. Holstein heifers 66.00-74.00, 20 head 90-95 lb. 50.00. 25 head 120-125 lb. Holstein bulls 81.00-82.00, 220 head 90-115 lb. 85.00-88.00; 20 head small frame 110-120 lb. 78.00, 75 head 100-105 lb. 60.00-63.00 and 25 head 90-95 lb. 47.00.

SHEEP: Insufficient volume of any one class for a market test. Few Good 80-100 lb. wooled lambs 50.00-56.00, couple Choice 60.00-63.00; few Choice 45-50 lb. new crop lambs 75.00-90.00; few Utility and Good slaughter ewes 27.00-31.00.

GOATS: Few sold by the head at 29.00-50.00.

Lancaster Auction

Wednesday, Dec. 19, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	294	23	571	8
Last Wednesday	211	53	562	9
Last Year	320	34	927	37
Wednesday's Auction	189	23	547	8
Last Wednesday's Auction	142	54	570	9

CATTLE: Insufficient volume to fully test trends, small supply steers and cows generally steady.

SLAUGHTER STEERS: Choice 2-4 1075-1350 lb. 65.75-68.25; high Good and low Choice 2-3 1000-1300 lb. 63.00-65.75; Good 2-3 60.00-62.50; few Good and Choice 1275-1525 lb. Holsteins 51.00-55.50.

SLAUGHTER HEIFERS: Few Good to low Choice 2-3 885-1125 lb. 55.00-59.25.

COWS: Load mostly Good 2-4 1050-1325 lb. 40.00-48.00; Breaking Utility and Commercial 2-4 37.50-39.50; Cutter and Boning Utility 1-3 34 75-38.00; Canner and low Cutter 31.00-34.00.

BULLS: Few yield grade 1-2 1200-1500 lb. 45.00-48.00, couple 50.00-52.00.

VEAL CALVES: No market test.

SHEEP: No market test.

New Holland Livestock

Thursday, December 20
Report Supplied by USDA

CATTLE 709. Compared to last Thursday small supply slaughter steers 1.00-1.50 higher; slaughter heifers not tested; cows 50-1.00 higher, although closing sales mostly steady; bulls and bullocks 1.00-1.50 higher on small supply. Supply included 35 percent slaughter steers and 54 percent cows.

SLAUGHTER STEERS: Few head Good and Choice 1-2 1200-1425 lb. 71.00-72.10; Choice 2-4 1100-1400 lb. 66.75-71.00; high Good and low Choice 2-3 1050-1250 lb. 63.00-67.50; Good 2-3 59.00-63.00; few Good and Choice 1100-1350 lb. Holsteins 51.75-54.25.

COWS: Breaking Utility and Commercial 2-4 38.00-41.00, several Good and Commercial 3-4 beef breed 42.00-46.50; Cutter and boning Utility 1-3 34.75-38.50, few 38.50-40.25; Canner and low Cutter 31.50-35.50.

BULLOCKS: Good 1-2 1000-1250 lb. 54.50-59.50, couple Choice 2-3 60.00-61.50.

BULLS: Yield grade 1 1300-1800 lb. 51.00-52.50, couple 54.50-55.00; yield grade 2 1000-1400 lb. 47.00-49.50.

VEAL CALVES: 577. Vealers uneven, high Choice and Prime special fed 3.00-5.00 higher, others weak to 2.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime special fed 210-390 lb. 104.00-115.00, six head 115.00-120.00; Choice 160-325 lb. 87.00-100.00; high Good and low Choice 140-300 lb. 70.00-90.00; Good 225-400 lb. 37.00-57.00; high Good and low Choice 115-140 lb. 48.00-70.00, 80-115 lb. 42.00-48.00, few 60-80 lb. 37.00-45.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 75.00-90.00, few 90.00-93.00, several 85-100 lb. 55.00-70.00.

SHEEP: 89. Wooled lambs and slaughter ewes mostly steady.

WOOLED LAMBS: Choice 75-110 lb. 60.00-68.00; few Good and Choice 50-75 lb. 68.00-78.00; Good 60-100 lb. 55.00-60.00.

SLAUGHTER EWES: Utility and Good 18.00-27.00.

GOATS: 12. All goats sold by the head, mainly 43.00-49.00, couple 51.00-57.00 and couple 25.00-35.00.

Lancaster County Weekly

Friday, Dec. 21
Report supplied by PDA

	Cattle	Calves
This Week	3400	1600
Last Week	3304	1676
Last Year	3121	1529

CATTLE: Compared with last week's market: slaughter steers generally steady, instances .50 lower; slaughter heifers steady to weak; cows steady to 1.00 higher, instances 2.00 higher on Canner & low Cutter; bullocks 1.00-1.50 higher; bulls 1.00-2.00 higher. Supply included 38 per cent slaughter steers, 8 per cent slaughter heifers, 33 per cent cows, 6 per cent bulls, balance feeders.

SLAUGHTER STEERS: Part load high Choice & Prime 3-4 1400-1505 lbs. 69.00-70.00; Good & Choice 1-2, few individual high Choice & Prime 3-4 1125-1375 lbs. 70.25-71.75, 10 head 72.00-72.75; Choice 2-4 1050-1425 lbs. 66.00-70.25; high Good & low Choice 2-3 1050-1250 lbs. 63.00-67.00, Good 2-3 58.00-63.00; Choice 1200-1425 lb. holsteins 54.25-57.25; Good 1150-1400 lbs. 51.00-54.50; Standard 1000-1450 lbs. 46.00-50.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1150 lbs. 60.00-64.10, few 64.00-65.25; couple Choice 2 1115-1145 lbs. 67.00-69.00; Good 2-3 875-1100 lbs. 55.00-60.00.

COWS: Commercial & Good 2-4 1050-1325 lbs. beef breed 40.00-48.00, Breaking Utility & Commercial 2-4 37.50-40.00, few 40.00-42.50, Cutter & Boning Utility 1-3 34.50-38.00, few 38.00-40.00, Canner & low Cutter 31.00-35.00.

BULLOCKS: Few Choice 2-3 1075-1505 lbs. 59.75-62.50, couple 65.25-67.75; Good 1-2 1000-1250 lbs. 54.50-59.50.

BULLS: Yield Grade 1 1300-1800 lbs. 50.00-54.75, couple 55.00-59.25; Yield Grade 2 1000-1500 lbs. 45.00-50.50.

VEAL CALVES: Vealers firm to 5.00 higher, although some late sales high Good & Choice 80-115 lbs. steady to weak; slaughter calves mostly 5.00 higher. Demand good for holstein bulls to return to farm.

VEALERS: High Choice & Prime special fed 210-390 lbs. 100.00-115.00, 6 head 116.00-120.00; Choice 160-300 lbs. 85.00-100.00; high Good & low Choice 140-300 lbs.

(Turn to Page A6)

LANCASTER STOCK YARDS

Open 24 hours a day
365 days a year
(717) 394-2611

AUCTIONS

MONDAY
9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs

TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs

WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)

FRIDAY
11:00 A.M. — Stocker and Feeder Cattle

SATURDAY
8:00 A.M. — Slaughter Hogs

HOLIDAY SCHEDULE
Business As Usual Monday, Dec. 24 & Monday, Dec. 31, 1984
Cattle Auction Starts at 8 A.M.
Hog Auction Starts at Noon
No Market On Christmas Or New Year's Day

WE WISH YOU ALL HAPPY HOLIDAYS AND BEST WISHES FOR THE NEW YEAR

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

VINTAGE SALES STABLES, INC.

Sale Every Tuesday
10:30 A.M.

Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.

Get calves in early. We start to grade and weigh at 2:00.

Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

CHRISTMAS

At this time of year when our minds are especially occupied with the thoughts of gifts, may we take time to realize that we have the greatest gift of all to share with the world, the message of Life, Peace and Joy, available to all through our Lord Jesus Christ.

B&R CATTLE CO.
John Bowman Ron Ranck
RD 1, Marietta, PA
Office Phone: (717) 653-8164

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

HOG MARKETS

New Holland Feeder Pigs

New Holland, Pa.
Wednesday, December 19
Report supplied by USDA

Today	717
Last Wednesday	646
Last Year	582

Trend: Compared to last Wednesday feeder pigs steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 41 head 26-30 lbs. 124.00-130.00; 114 head 30-39 lbs. 96.00-114.00; 186 head 40-49 lbs. 90.00-108.00; 103 head 50-59 lbs. 92.00-96.00; 11 head 65 lbs. 85.00; 36 head 70-72 lbs. 62.00-72.00; 7 head 101 lbs. 60.00.

US 2: 55 head 43-46 lbs. 84.00-85.00.

US 2-3: 9 head 26 lbs. 142.00; 38 head 33-39 lbs. 92.00-100.00; 8 head 45-47 lbs. 89.00-91.00; 19 head 51-57 lbs. 78.00-82.00.

New Holland Hogs

New Holland Sales Stables
Monday, December 17
Report supplied by USDA

Today	1898
Last Monday	1369
Last Year	1873

TREND: Compared to last Monday barrows and gilts steady to .50 lower, although few sales US 1 fully steady.

BARROWS AND GILTS: US 1-2 210-230 lb. 52.50-53.50, few head 53.50-53.75; 230-255 lb. 52.25-53.00.

US 1 210-250 lb. 54.00-56.00, one weight head lot 230 lb. 58.00.

US 1 210-260 lb. 51.50-52.25.

Indianapolis Hogs

Thursday, December 20
Report supplied by USDA

800. Barrows & gilts fairly active, steady to 25 lower.

BARROWS & GILTS: US 1-2 215-250 lb. 49.50-50.00. US 1-3 210-260 lb. 49.00-49.50.

SOWS: Moderately active, 1.00-2.00 lower. (15%) US 1-3 400-480 lb. 37.00-38.00; 550-600 lb. 40.00. US 2-3 Small lot near 650 lb. 42.00.

BOARS: Under 250 lb. scarce; over 350 lb. 34.00-35.00.

Lancaster Feeder Pigs

Tuesday, December 18
Report supplied by USDA

Today	888
Last Tuesday	589
Last Year	865

TREND: Compared to last Tuesday feeder pigs steady, instances 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 21 head 19-25 lbs. 134.00-136.00; 148 head 30-39 lbs. 100.00-109.00; 16 head 31 lbs. 118.00; 254 head 40-49 lbs. 90.00-100.00; 58 head 50-59 lbs. 76.00-92.00; 191 head 60-80 lbs. 72.00-83.00.

US 2: 21 head 49 lbs. 87.00.

US 2-3: 10 head 25-35 lb. 105.00-108.00; 22 head 40-43 lbs. 76.00-84.00; 8 head 55 lbs. 71.00.

St. Louis Hogs

Thursday, December 20
Report supplied by USDA

5500. Barrows & gilts moderately active; weights under 250 lb. mostly 1.00 lower, over 250 lb. mostly .50 lower.

BARROWS & GILTS: US 1-2 200-250 lb. 49.00-49.50; 250-260 lb. 48.50-49.00. US 1-3 200-240 lb. 47.50-48.50; 260-270 lb. 47.00 to mostly 47.50; 270-290 lb. 46.50-47.50.

SOWS: Under 500 lb. .50 lower; over 500 lb. steady. (About 12%) US 1-3 300-500 lb. 39.00; over 500 lb. 40.50-42.50.

BOARS: Over 250 lb. 35.50; under 250 lb. 36.50, 20 head lot 37.00.

Peoria Hogs

Thursday, December 20
Report supplied by USDA

3000. Barrows and gilts moderate, steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 49.00-49.50, 50 head 50.00. US 1-3 200-250 lb. 48.00-49.00.

SOWS: Steady to .50 lower. (14%) US 1-3 350-500 lb. 37.00-37.50; 500-650 lb. mostly 41.50-52.00, few around 500 lb. 41.00.

BOARS: Over 350 lb. 37.00; 250-350 lb. 35.50-36.00; under 250 lb. 36.00-36.50.

Lancaster Hogs

Lancaster Stockyards
Monday, December 17
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00 higher, instances 2.00 higher; sows 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 52.75-53.60. US 1 210-250 lb. 53.75-54.25, few 54.25-55.00. US 1-3 200-260 lb. 51.50-52.50.

SOWS: US 1-3 300-650 lb. 39.00-42.00, few 500-650 lb. 42.00-43.00.

Tuesday, December 18

Today	160
Last Tuesday	311
Last Year	277

TREND: Compared to Monday barrows and gilts 1.00 lower, instances 1.50 lower.

BARROWS AND GILTS: US 1-2 210-240 lb. 51.50-52.50. US 1 few 210-240 lb. 53.00-54.00. US 1-3 210-250 lb. 50.00-51.50, 260-275 lb. 47.75-49.00.

Wednesday, December 19

HOGS: Compared to Monday barrows and gilts generally 1.00 lower, instances 2.00 lower on US 1-3; sows 1.00-3.00 lower, most decline on 350-500 lb.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.50-52.50, few 52.50-52.85. US 210-250 lb. 53.00-54.00, one lot 55.00. US 1-3 200-260 lb. 49.50-51.00.

SOWS: US 1-3 350-500 lb. 35.00-40.00, 500-650 lb. 39.00-41.00.

Carlisle Graded Pig Sale

Carlisle Livestock Market Inc.
Carlisle, Pa.
Friday, December 14
Report supplied by auction

TREND: Compared to November's State Graded Pig Sale pigs were 20.00-50.00 higher for light pigs under 40 pounds & mostly 20.00 higher for pigs over 40 pounds. All pigs weighed on arrival and sold by the hundred weight.

US NO. 1&2's: 291 Head. 31 head 30-39 lbs. 119.00-122.00; 63 head 41-49 lbs. 97.00-98.00; 8 head 47 lbs. 87.00; 81 head 53-59 lbs. 86.00-95.00; 108 head 60-75 lbs. 74.00-86.0:0.

US NO. 2's: 318 Head. 63 head 25-29 lbs. 116.00-123.00; 23 head 27 lbs. 96.00; 26 head 32 lbs. 95.00-96.00; 105 head 42-49 lbs. 87.00-99.00; 45 head 57-58 lbs. 80.00-84.00; 3 head 58 lbs. 71.00; 52 head 62-78 lbs. 71.00-80.00; 1 head 105 lbs. 65.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	532,000	52,000	1,280,000	104,000
Same Pd. Lt. Wk. (Est.)	538,000	50,000	1,319,000	107,000
Same Pd. Lt. Yr. (Act)	503,000	48,000	1,239,000	96,000

Chicago Grain Futures

(Closing Bids as of Thursday, December 20)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Jan.			5.86½	144.00
March	2.67½	3.44	6.00	149.70
May	2.74¾	3.38¼	6.12¾	155.00
July	2.79	3.32	6.22¾	160.00
Aug.			6.25¼	161.40
Sept.	2.76	3.34½		
Dec.	2.72½	3.44½		

Trends - Corn - Weaker; Wheat - Stronger; Soybeans - Weaker; Soybean Meal - Weaker.

Futures Trading

(Closing Bids as of Thursday, December 20)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Feb.	65.87	51.67	
April	67.17	47.80	
May			3.86
June	66.82		
July		51.47	
Aug.	64.90	49.12	
Oct.	62.90	45.50	
Dec.	64.30		

Trends - Cattle - Stronger; Hogs - Stronger.

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows: Monday at 1 P.M., Tuesday, Wednesday and Saturday at 8 A.M.

Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

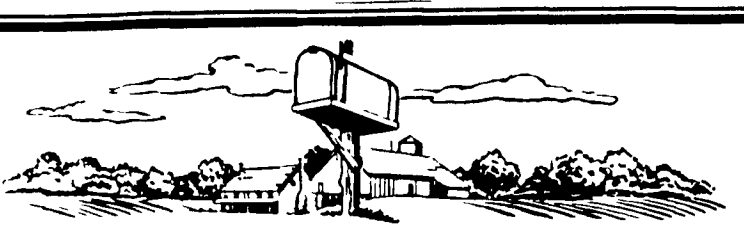
For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

NOTICE: Weekly Feeder Pig Sale Will Be Held On Fri., Dec. 28th And Fri., Jan.4th.

— HOLIDAY SCHEDULE —
WE WILL BE OPEN FOR BUSINESS MONDAY, DECEMBER 24, 1984, AND MONDAY, DECEMBER 31, 1984. CATTLE AUCTION WILL START AT 8:00 A.M. AND THE HOG AUCTION AT NOON. NO MARKET ON CHRISTMAS OR NEW YEAR'S DAY.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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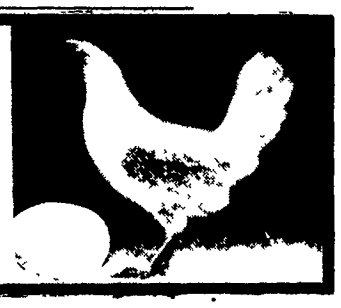
POULTRY MARKETS



Philadelphia Eggs

Thursday, December 20
Report supplied by USDA

Market Comment: Prices were unchanged to lower. Cartoned egg movement continues to improve, and most dealers indicated orders were heavy for today and tomorrow's deliveries. Floor stocks were fully adequate to ample but expected to clear. However, a problem was noted in that most dealers have sufficient stocks on hand and were not ordering any additional product. Offerings of class 1's, class 2's and graded loose large were still available and discounting was generally needed to move products. Mediums and smalls were available but there was sufficient buying interest to keep these sizes in balance. Undertone was unsettled.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .63-.69; A Large .62-.68; A Medium .57-.62½.

Delmarva Poultry

Thursday, December 20
Report supplied by USDA

Market Comment: Ready to cook whole bird movement light with clearances of available offerings still difficult. Slaughter schedules were heavier with most plants working full schedules. Most plants planned cutbacks tomorrow. Live supplies are adequate at desirable weights. Undertone about steady.

Today's L.T.L. asking prices are 48-55 cents on U.S. Grade A, but discounting is still common.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/20 1,870,000; Actual 12/13 1,939,000; Actual 12/18 1,669,000; Average Weights 12/18 4.22; Average Weights 12/11 4.37.

New York Multiple Drop Broiler Report

Thursday, December 20
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .48-.55.

Weighted AVG.: U.S. Grade A 52.89.

Eastern Pa. & N.J. Poultry

Wednesday, December 19
Report supplied by USDA

Market Comment: The market was weak. While this week's arrivals were at 13-14 cents, bookings for next week were developing at 12 cents. Offerings of live were ample with most plants now booking stocks through early January. Slaughter schedules are lighter next week due to the holiday.

Prices Paid at Farm:
Light Type Hens: 9-11, mostly 9.
F.O.B. Plant: 12-14, mostly 12.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, December 18
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .72-.92 per lb.

MUSCOVY DUCKS, HENS: range .25-.42 per lb.

PEKIN DUCKS: range .30-.44 per lb.

PULLETS: range .42-.60 per lb.

RED FOWL: 4-5 lbs. range .15-.28 per lb.

RED FOWL: 5-6 lbs. range .26-.34 per lb.

CROSSBRED FOWL: 5-9 lbs. range .20-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.74 per lb.

CROSSBRED ROOSTERS: 7-14 lbs. range .30-.76 per lb.

GUINEA FOWL: range 1.38-1.50 per lb.

BANTY ROOSTERS: range 1.25-3.00 ea.

BANTY HENS: range .25-1.00 ea.

LEGHORN HENS: .07-.10 per lb.

LEGHORN ROOSTERS: .20-.34 per lb.

GEESE: 7-15 lbs. range .15-.68 per lb.

TURKEYS: 15-28 lbs. range .56-.68 per lb.

PIGEONS: range 1.25-1.60 ea.

WHITE PIGEONS: range 1.50-2.00 ea.

DOVES: 1.25-3.00 ea.

CAPONS: 11-14 lbs. .66-.95.

RABBITS: 4-6 lbs. range .90-1.10 per lb.

RABBITS: 7-11 lbs. range .80-.94 per lb.

BUNNIES: .50-1.50 ea.

GUINEA PIGS: range 1.00-2.50.

GOATS: range 20.00-58.00 ea.

KID GOATS: range 11.00-28.00 ea.

Total Number Coops: 1,125.

No sale week of Christmas; next sale Monday, Dec. 31 at 2 p.m.

Weekly New York Egg Market

From Friday, December 14 to Thursday, December 20

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.77	.77	.74	.71	.69
Ex. Large	.71	.71	.68	.65	.63
Large	.69	.69	.66	.63	.61
Medium	.65	.65	.62	.59	.55
Pullets	.52	.52	.50	.48	.46
Off Grade	.62	.62	.59	.56	.54
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.90	.90	.88	.87	.85
Large	.86	.86	.84	.83	.81
Mediums	.70	.70	.68	.67	.65
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.33	.32	.32	.30	.30
Checks	.31	.30	.30	.28	.28

Breaking Stock: Friday - 11.70-12.30, 12.30-12.90; Monday - 11.40-12.00, 12.00-12.30; Tuesday - 11.70-12.00 (h); Wednesday - 10.80-11.40, 11.10-11.40.

N.E. Weekly Shell Egg Report

Tuesday, December 18
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS. X	.95-.97	.91-.93	.85-.87	.57-.59
Mostly	.95	.91	.85	.59
N. HAMP.	.81-.85	.77-.81	.71-.75	.43-.47
Mostly	.83-.84	.79-.80	.73-.74	.45-.46
R.I.	.85-.90	.81-.86	.74-.80	.46-.52
Mostly	.85-.86	.81-.82	.74-.75	.46-.47
VERMONT	.95-.99	.89-.95	.79-.89	—
Mostly	.98	.94	.88	—
MAINE	.88-.95	.84-.91	.78-.85	.50-.57

X Includes Central and Western Sections only.

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Robert G. Campbell, Publisher

Suzanne Keene, Home Editor
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Let's worship together on this holiest of holidays! Thanks to all!

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May New Life find its home in your heart this Christmas.

MOYER'S CHICKS, INC.
Quakertown, PA

Card design furnished by: Heifer Project International
Little Rock, Arkansas 72203

A Blessed Christmas

The miraculous light of a star shone in the heavens,
and angel voices heralded the coming of
the Saviour, on that Holy Night nearly two thousand years ago.
May the spirit of the Nativity... the awe and wonder of
simple shepherds, the rejoicing and reverence of the wise men
...be with us in this blessed Christmas season, and may it inspire us
always in our hope for peace, brotherhood and understanding.

pennfield feeds

Good's Hay

Leola, Pa.
Wednesday, December 19
Report supplied by auction

112 loads.

Alfalfa, 85.00-126.00; Mixed Hay, 69.00-92.00; Timothy, 72.00-87.00; Straw, 71.00-95.00; Corn, 62.00-68.00; Clover, 82.00; Soybean Stubbles, 36.00; Stubble Hay, 75.00.

King's Auction

Kirkwood, Pa.
Tuesday, December 18
Report supplied by Auction

Alfalfa, 76.00-111.00; Timothy & Mix, 72.00-97.00; Straw, in the 80's; Corn Fodder, 59.00-61.00; Firewood, 35.00-42.00 pickup ld.

Closed until Jan. 8.

Carroll Co. Hay

Carroll Co., Md.
Tuesday, December 18
Report supplied by auction

9 loads.

Alfalfa, very good 99.00, good 69.00-90.00; Mixed Hay, 53.00-85.00, 1 bale 1.40.

No Sale Christmas Day; but sale will be held New Year's Day, Jan. 1 at 12 noon.

Hagerstown Hay

Hagerstown, Md.
Wednesday, December 19
Report supplied by auction

Alfalfa, 69.00-100.00; Timothy, 70.00; Mixed Grass, 70.00; Brome Grass, 86.00.

New Holland Hay

New Holland Sales Stables
Monday, December 17
Report supplied by auction

240 loads. Prices were 10.00 lower on all grades of Hay and Straw.

Alfalfa, few #1 lds., 170.00-186.00, #2 100.00-134.00, #3 75.00-100.00, a few poor 60.00-75.00.

Alfalfa & Timothy Mix, #1 120.00-125.00, #2 90.00-115.00; Clover and Timothy Mix, #1 110.00-120.00, #2 90.00-110.00, #3 70.00-90.00, a few 50.00-65.00 poor quality.

Timothy, #1 a few 120.00-125.00, #2 100.00-120.00, #3 80.00-100.00; Clover, #2 grade 70.00-85.00, #3 67.00-75.00; 1 ld. Orchard Grass, 84.00.

Straw, #1 a few 100.00-124.00, #2 80.00-100.00, #3 51.00-80.00; Ear Corn new, 70.00-86.00; Corn Fodder, 19.00-29.00 ton; Firewood, 41.00-50.00 pickup ld.; shavings, 35.00.

Frederick County Hay

Buckeystown, Md.
Thursday, December 20
Report supplied by auction

69 loads; market steady to weak; demand fair. Alfalfa, fair to good, 108.50-136.00; fair, some dark, 85.00-96.00; Timothy, fair to good, 100.00-112.50; fair to poor; 87.00-99.00; Mixed Hay, fair to good, some damaged, 51.00-110.00; 2 loads Bromegrass, 71.00 & 81.00; one Stubble Hay, 72.00; Brite straw, 90.00-110.00; Dark Straw, 77.00-77.50; Fancy Hard Firewood, 75.00-82.50/cord; Mixed Hardwood, 60.00:73.00/cord.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, December 15 & 18
Report supplied by auction

59 loads. Alfalfa, 65.00-102.00; Mixed Hay, 45.00-80.00; Timothy, 52.00-85.00; Clover, 57.50-71.00; Straw, 60.00-95.00; Ear Corn, 72.50-77.50; Corn Fodder, 35.00; Firewood, 22.00-37.50.

G & M Livestock

Duncansville, Pa.
Monday, December 17
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 60.00-66.90, Good 54.00-60.00, Standard 48.00-54.00, Utility 42.00-48.00. Heifers- Choice 57.00-63.00, Good 50.00-57.00, Standard 44.00-50.00, Utility 38.00-44.00. Cows- Choice 40.00-43.00, Good 38.00-40.00, Standard 36.00-38.00, Utility 34.00-36.00, Cutters 30.00-34.00, Canners down to 28.00. Bulls 1200-1800 lbs. 42.00-46.50, 900-1200 lbs. 38.00-52.00.

FEEDER CATTLE: Steers- Choice 300-600 lbs. 50.00-61.00. Heifers- Choice 300-600 lbs. 42.00-52.00.

CALVES: Vealers- Prime and High Choice 65.00-78.00, Good and Choice 50.00-65.00, Standard 40.00-50.00, Utility down to 32.00. Farm Calves- Holstein Bulls 90-120 lbs. 70.00-91.00, Heifers 90-120 lbs. 50.00-66.00.

HOGS: Barrows and Gilts 200-250 lbs. 49.00-53.50, 170-300 lbs. 40.00-49.00. Sows 300-600 lbs. 40.00-48.50. Boars 30.00-49.50.

FEEDER PIGS: 25-35 lbs. 18.00-30.00 per head, 35-50 lbs. 30.00-42.00.

SHEEP: Slaughter Lambs 70-100 lbs. 58.00-80.00. Ewes 15.00-34.00. Goats 25.00-49.00.

Jersey Shore, Pa.

Thursday, December 13
Report Supplied by Auction

Good Veal 62.00-87.00.
Common Veal 20.00-61.00.
Choice Steers 65.00-68.25.
Common Steers 44.00-64.00.
Commercial Cows 39.00-39.50.
Canners-Cutters 24.00-36.00.
Heifers 38.00-58.00
Feeder Cattle 25.00-53.00.
Bulls 38.00-50.00.
Good Hogs 48.75.
Heavies 45.00-48.75.
Sows 35.00-43.00.
Roughs 20.00-30.00.
Eggs .61-.81.

Lancaster County Weekly

(Continued from Page A2)

70.00-90.00; Good 225-400 lbs. 37.00-60.00; high Good & low Choice 115-140 lbs. 48.00-70.00, 80-115 lbs. 38.00-48.00, few 60-80 lbs. 32.00-45.00.

SLAUGHTER CALVES: Good & Choice 270-450 lbs. 45.00-60.00.

RETURNED TO FARM: Few 100-120 lb. holstein heifers 66.00-74.00, few 90 & 95 lbs. 50.00; bulk 90-115 lb. holstein bulls 75.00-90.00, few 90.00-93.00, several 85-100 lb mainly small frame 47.00-70.00.

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NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

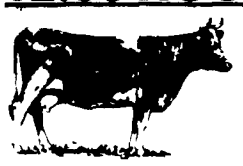
1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS



HEIFERS, BULLS

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Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

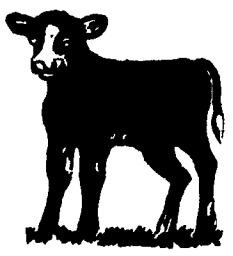
11:00 AM

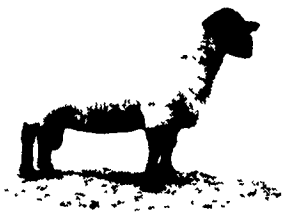
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

New Wilmington Livestock

N. Wilmington, Pa.
Monday, December 17, 1984
Report Supplied by PDA

CATTLE 325. Compared with last Monday's market, slaughter cows weak to $1 lower. Couple Choice slaughter steers 63.25&64.75, few Good 59-60.75, few Standard 46.25-50, Utility 40.00-47. Couple Choice slaughter heifers 60.00&61, one at 65.00, few Good 55.25-59.75, Standard 46-52.50, Utility 38.75-45.50. Breaking Utility and Commercial slaughter cows 35.50-39, Cutter & Boning Utility 32.50-36.50, Canner and Low Cutter 24.50-33.25, Shells down to 15.00. Few Yield Grade No. 1 1425-1755 lbs. slaughter bulls 41-45.75.

FEEDER CATTLE: Medium Frame #1 400-700 lbs. steers 45.00-55, few #2 410-720 lbs. 38-45.50. Medium & Large Frame #1 310-565 lbs. heifers 39-47.50, few #2 3-650 lbs. 28.00-38.

CALVES 293. Few Choice vealers 89-95.00, Good 61.00-75, Standard 40.00-55, Standard & Good 90-120 lbs. 35.00-45, 65-85 lbs. 25.00-40, Utility 50-80 lbs. 10.00-20.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 48.00-57.00.

HOGS 548. Barrows and gilts mostly steady. US No. 1-2 215-250 lbs. barrows and gilts 50-51.25, No. 1-3 2-260 lbs. 40-50.50, lot No. 2-3 280 lbs. at 46.50. Sows fully steady. US No. 1-3 3-700 lbs. sows 40.00-46. Boars 28.75-34.50.

FEEDER PIGS 132. US No. 103 10-20 lbs. feeder pigs 5.00-18 per head, 20-35 lbs. 16.00-30, 35-50 lbs. 27.00-38 per head.

SHEEP 228. High Choice & Prime 75-100 lbs. wooled slaughter lambs 62.00-67; New Crop Lambs 40-60 lbs. 77.00-89; Choice 65-90 lbs. 59.00-66, few 72.50, Good 55-75 lbs. 55.00-64, few Utility 55-70 lbs. 45.00-48. Slaughter ewes 16.00-21.00.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, December 17, 1984
Report Supplied by Auction

CATTLE 274. High Choice & Prime slaughter steers 66.25-68.25, Choice 62.00-65.00, Good 56.00-61.25 Standard 50.75-54.25, Utility 45.25-49.50. Choice Slaughter Heifers 60.50-63.25, Good 55.00-59.25, Standard 49.50-53.25, Utility 44.00-48.50. Breaking Utility and Commercial slaughter cows 41.00-42.25, Commercial 36.50-40.75, Cutter & Boning Utility 32.25-35.25, Canner & Low Cutter 28.00-31.75, Shells down to 21.00. Choice slaughter bullocks 49.00-53.25, Good 45.00-47.50, Standard 41.00-43.50, Utility 37-39.75. Yield Grade No. 1 slaughter bulls, 48.00-51.00, Yield Grade No. 2 44.00-46.00.

FEEDER CATTLE: Steers, Choice 350-600 lbs. 56.00-62.00, Good 350-600 lbs. 49.00-54.00, Medium 350-600 lbs. 42.00-47.00, Heifers, Good 350-600 lbs. 51.00-54.00, Medium 350-600 lbs. 42.00-48.00; Bulls, Good 350-650 lbs. 50.00-55.00, Medium 350-600 lbs. 42.00-48.00.

CALVES 471. Prime Vealers 84.00-91.00, Choice 76.00-82.00, Good 65.00-74.00, Standard & Good 110-130 lbs. 54.00-59.00, 90-110 lbs. 48.00-51.00, 70-90 lbs. 45.00-47.00, Utility 40-60 lbs. 40.00-44.00.

FARM CALVES: Holstein bulls 90-130 lbs. 72.00-95.00, Holstein 90-130 lbs. 61.00-75.00.

HOGS 352. US No. 1-2 220-240 lbs. barrows and gilts 52.00-53.25, No. 1-3 200-260 lbs. 50.25-51.75, No. 2-3 160-190 lbs. 46.00-49.25, No. 2-3 280-320 lbs. 47.00-48.50. Sows. US No. 1-3 350-600 lbs. sows 47.00-48.25, No. 2-3 350-600 lbs. 40.75-45.25. Boars 29.50-32.25, Light weights 33.00-34.25.

FEEDER PIGS 62. US No. 1-3 20-25 lbs. feeder pigs 14.00-18.00 per head, No. 1-3 30-35 lbs. 19.00-24.00, No. 1-3 40-60 lbs. 26.00-36.00 per head.

SHEEP 62. Choice 90-120 lbs. wool slaughter lambs 63.00-68.00, Good 70-90 lbs. 48.00-58.00, Utility 40-60 lbs. 48.00-61.00. Slaughter ewes 14.00-18.00.

GOATS 13: 16.00-39.00 per head.

Oklahoma Cattle

Tuesday, Dec. 18, 1984
Report Supplied by USDA

Estimated Receipts: 6,600
Same Day Last Week: 12,366

Feeder cattle fully steady with last week. Bulk receipts 450-800 lb. feeder steers and 350-700 lb. heifers with steers dominating receipts to noon. Trade active on all classes. Quality of run very good with weight condition excellent. Estimated receipts for Wednesday's cattle auction 4300 head.

FEEDER STEERS: Medium & Large Frame 1 325-400 lb. 68.50-75.60; 400-500 lbs. 70.00-72.60, fleshy 67.50-69.50; 500-600 lb. 67.60-72.50, fleshy 65.05-67.00; 600-700 lb. 69.30-72.50, package 72.75; 700-800 lb. 68.05-72.10; half load 865 lb. 67.10; few very fleshy 960 lb. 64.00-64.60. Medium and large frame mixed 1-2 lot 415 lbs. thin 71.20; few 525-600 lb. 62.60-66.30; 600-700 lb. 65.05-68.60; 700-800 lb. 63.20-69.10, lot 725 lbs. 70.00. Large frame 2 holsteins lot 600 lb. plain 46.60; 600-1150 lb. 49.00-52.60.

FEEDER HEIFERS: Medium & large frame 1 350 lb. 59.80-60.00; 400-500 lb. 60.00-61.25; 500-600 lb. 58.25-60.75; 600-700 lb. 60.75-63.30; lot fleshy 745 lb. 55.05. Medium and large frame mixed 1-2 300-500 lbs. 53.00-59.25; 500-800 lb. 56.05-57.00, lot thin herefords 60.10.

For The Week: Compared to last week feeder cattle fully steady however, quality of cattle after Tuesday rather poor. Slaughter cows 1.50-2.50 higher through out the week. Not enough slaughter bulls for an accurate test. Breaking utility 2-3 37.25-41.20. Boning utility 1-2 34.80-40.00. Cutter 1-2 32.00-35.80. Canner and low dressing cutter 27.10-31.70. Slaughter bulls Y.G. 1 few individuals 1300-1350 lbs. 45.00-45.25, individual thin 1300 lbs. 41.00. Salable receipts of this week estimated at 11,500 compared to 19,400 head last week and 3750 last year. Cows and bulls made up 9% of estimated supply.

Peoria Cattle

Thursday, December 20, 1984
Report Supplied by USDA

Choice Slaughter Steers and Heifers closed mostly steady this week with good grade steers and heifers 1.00 to 2.00 lower. Cows sold steady to 1.00 lower. Bulls generally steady Monday and not well tested Wednesday supply mainly good and choice slaughter steers and heifers with 22% cows receipts this week about 2300 compared to 1940 a week ago and 1555 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1200 lbs. 65.00-66.75, load Monday 67.00; 900-1050 lbs. 64.00-66.00. Mixed good and choice 2-3 900-1100 lbs. 62.00-65.00. Good 2-3 900-1050 lbs. 59.00-63.00. Good, few choice 2-3 holsteins 1300-1400 lbs. 56.00-59.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1100 lbs. 64.00-66.00, part load Monday 66.50; 800-950 lbs. 62.50-65.00. Mixed good and choice 2-3 800-1000 lbs. 58.00-63.00, mostly 59.00-62.00. Good 2-3 800-950 lbs. 58.00-62.00.

COWS: Breaking Utility and Commercial 2-3 35.00-39.00. Cutter and boning utility 1-2 32.00-36.00. Canner and low cutter 28.00-33.00.

BULLS: YG 1-2 1350-2000 lbs. 38.00-44.00.

Joliet Cattle

Thursday, December 20
Report Supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 1900; 5 days last week 1814; same period a year ago 2463. Trading slow for the week. Slaughter steers ended the week weak to 1.00, instances 1.50 lower compared with Wednesday of last week, with most sales 50 to 1.00 lower. Slaughter heifers ended the week steady to 50 lower. Cows closed the week firm to 1.00 higher.

SLAUGHTER STEERS: Choice, few prime, 3-4 1250-1350# 66.50-67.00, load 67.50 Monday. Choice 2-4 1100-1350# 65.00-67.00 Monday; 65.00-66.50. Mixed good and choice 2-3 1000-1300# 62.00-65.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1100# 64.00-66.00, load 66.25, few packages 64.00, load 64.50 Wednesday. Mixed good and choice 2-3 900-1050# 60.00-64.00.

COWS: Breaking Utility and Commercial 1-3 37.00, few 38.00. High Cutter and Boning Utility 1-2 35.00-37.00. Canner and Low Cutter 1-2 30.00-34.00.

SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
PARADISE, PA
Will NOT have auction
TUESDAY, DECEMBER 25, 1984
Christmas Day
TUESDAY, JANUARY 1st will be an auction as usual
All other sales dates as usual.
Thank you for your patronage.
We wish you a Merry Christmas and prosperous New Year.
President-
L. ROBERT FRAME

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CLOSED WEDNESDAYS

THE OLD FARMER'S ALMANAC

DEC. 24-30, 1984

Christmas is here, then gone for a year.

Keep African violets away from drafty windows Radio City Music Hall completed Dec 27, 1932 . Average length of days for the week, 9 hours, 5 minutes First quarter of the moon, Dec 30 (Sun.) Train derailed in snowstorm when bridge collapsed in Astabula, Ohio, killing 91, Dec 29, 1876 Ether first used as childbirth anesthetic, Dec 27, 1845 Battle of Wounded Knee, S D , Dec 29, 1890 *Envy shooteth at others, and woundeth itself*

Ask the Old Farmer: Who in Sam Hill is (or was) Sam Hill? YL , Mt Pleasant, Mich

Sam Hill was a judge of probate in the Connecticut colony — 1750 or so Famed for fire, brimstone, and general influence, he was widely known and sworn by — also at, in all probability

Home Hints: Wrap leftover pancakes individually in waxed paper or foil store in the freezer then, when needed, heat up in a toaster oven

OLD FARMER'S WEATHER FORECAST

New England: Flurries at week's beginning, cold with snow, then rain by midweek, end of week turns mild with showers

Greater New York-New Jersey: Cold snap with flurries at start of week, mid through end of week mild with rain, snow in mountains

Middle Atlantic Coastal Beginning of week cold, with rain and snow, midweek rain, mild temperatures, end of week mild with scattered showers

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Four States Livestock

Hagerstown, Md.
Wednesday, December 12
Report supplied by Auction

SLAUGHTER: Fed Steers- $1.00 higher. Choice 60.00-61.25; Good 55.00-59.00; Medium 54.00 down. Heifers- Low Choice 53.00-54.75; Good 47.00-52.00; Medium 40.00-46.00. Cows- Large run very active $3.00 higher. High Yield 40.00-43.00; Average 36.00-39.00; Big Middle 32.00-35.00; Fatty Herf. 30.00-35.00; Shelly 33.00 down. Fat Bulls- $1.00 higher. Good 44.00-47.00; Medium 41.00-43.00. Veal Calves- Steady prices, Farm Bulls 10.00 higher. Choice 71.00-76.00; Good 63.00-70.00; Medium 55.00-62.00; Farm Hfrs. 50.00-62.00; Farm Bulls 75.00-90.00; Light Calves 42.00-51.00; Weak Calves 41.00 down. Lambs- Steady prices. Choice 62.00-64.00; Good 58.00-61.00; Med. 54.00-57.00. Sows- 500-650 lbs. 40.00-41.75; 300-450 lbs. 37.00-40.00.

STOCKER: Steers- 300-550 lbs. Large run $1.00 higher. Choice 59.00-63.00; Good 53.00-58.00; Medium 47.00-52.00; Culls 46.00 down. Steers 600-850 lbs.- Choice 56.00-59.00; Good 50.00-55.00; Medium 49.00 down. Heifers (All Weights)- Choice 48.00-52.00; Good 42.00-47.00; Medium 37.00-41.00. Dairy Cows- to 555.00. Reg. Hol. Bull at 79.50. Bulls- Choice 51.00-54.00; Good 45.00-50.00; Medium 40.00-44.00. Pigs, Hd. Steady prices. 20-35 lbs. 14.00-25.00; 40-60 lbs. 26.00-37.00. Shoats by Lb.- 43.00-46.00. Slaughter Hogs- Steady prices. 200-230 lbs. 50.00-51.50; 240-260 lbs. 50.75-51.00; 290-350 lbs. 42.00-47.00.

Next week Dec. 19 will have Registered Angus Bull 5 yrs. old, good breeder all 1984 calves dropped in 50 days. We will have our regular sales Dec. 26 and Jan. 2. Hatfield will not be here on Tuesdays Dec. 25 and Jan. 1, but will take in hogs on Thursday Dec. 27 and Jan. 3. These two weeks only. Hatfield tops this week was $52.00.

Westminster Livestock Auction

Westminster, Pa.
Tuesday, December 11
Report supplied by auction

SLAUGHTER COWS: $2.00 higher. Utility High Yield 40.00-41.75, One to 46.25; Utility 36.00-39.50; Canners 31.00-35.00; Shelly 31.00 down. Bulls- Few offered. Good to 45.00; Medium to 42.00. Fed Steers- Good demand. Choice 62.00-64.75; Good 55.00-60.00. Fed Heifers- Few Choice 57.75; Commercial & Good 43.00-49.00. Veal Calves- 4.00 higher. Good & Low Choice 60.00-72.00; Standard 50.00-60.00; Stocky/Thin 15.00-35.00; Killers 80-100 lbs. 42.00-50.00; Weak/Rough 25.00 down. Farm Calves- Holstein Bulls 95-125 lbs. 55.00-80.00. Butcher Hogs- $1.50 higher. US #1&2 250 lbs. at 49.60; US #2&3 220-260 lbs. 46.00-46.50. Sows- Over 500 lbs. 39.00-40.00; 300-500 lbs. 34.00-39.50.

STOCK CATTLE: Smaller run, no fair test. Steers Good Choice 50.00-56.00; Good 45.00-50.00. Heifers Few Good 38.00-43.50. Bulls- Good 42.00-48.00. Lambs- Choice 95-125 lbs. 60.00-63.00; 80-95 lbs. 52.00-57.00. Sheep- Few to 15.00-20.00. Goats- Mature 20.00-36.00; Big Billies 50.00-55.00; Kids 13.00-28.00. Pigs & Shoats By the Head- 20-30 lbs. 18.00-29.00; 30-50 lbs. 25.00-35.00; 60 lbs. 40.00-42.00. Stock Boars- 300 lbs. to 33.00. Boars- 500-750 lbs. 31.00-31.50. Hay- 9 loads. Alfalfa & Grass 90.00 per ton; Clover 67.00 per ton; Mixed Hay 65.00-90.00 per ton.

Holiday Schedule
Closed December 25th
Open January 1, 1985

State Graded Feeder Pig Sale will be the usual day December 28th.

Have a Merry Christmas.

Dewart Livestock

Dewart, Pa.
Monday, December 17, 1984
Report Supplied by PDA

CATTLE 293. Compared with last Monday's market, Choice slaughter steers 2-4 1085-1284 lbs. 63.25-67.00, Holsteins 58.50-62.50, Good 57.00-63.00, Good Holsteins 54.00-57.50, Few Standard 48.50-52.75. Few Choice slaughter heifers 63.00-65.00. Breaking Utility and Commercial slaughter cows 36.75-40.00, Couple 40.85, Cutter and Boning Utility 33.50-37.25, Couple 38.00, Canner and Low Cutter 29.50-34.00, Shells down to 25.00. Individual Good Slaughter Bullocks 53.00. Few Yield Grade No. 1 1100-2150 lbs. slaughter bulls 43.75-50.00, Few Yield Grade No. 2 840-1035 lbs. 30.00-39.00.

FEEDER CATTLE: Steers Medium Frame #1 375-675 lbs. 45.00-52.00

CALVES 254. Few Choice Vealers 75.00-80.00, Good 55.00-66.00, Standard & Good 70-100 lbs. 45.00-52.00, Utility 60-90 lbs. 40.00-46.00.

FARM CALVES: Holstein bulls 90-125 lbs. 54.00-84.00.

HOGS 214. Few US No. 1-2 210-230 lbs. barrows and gilts 51.85-52.30 one Lot at 53.00, No. 1-3 195-255 lbs. 49.75-51.75, One Lot No. 2-3 270 lbs. at 47.10, Light No. 1-3 150-190 lbs. 40.50-46.00. Sows. US No. 1-3 300-820 lbs. sows 38.00-42.25, Medium 195-320 lbs. 25.00-35.75. Boars 30.00-34.25.

FEEDER PIGS 272. US No. 1-3 20-35 lbs. feeder pigs 22.00-34.00 per head, No. 1-3 35-55 lbs. 32.50-40.50 per head.

SHEEP 68. Choice 70-100 lbs. Wooled Slaughter Lambs 55.00-63.00, few 73.00, Good & Choice 50-75 lbs. Wooled Slaughter Lambs 62.00-86.00, Couple 91.00.

KING'S AUCTION, KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Please note: There will be no sale conducted on Christmas Day, Dec. 25, and New Year's Day Jan. 1.
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub's Auction House.
Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

CHRISTMAS

At this glittering time of the year we send wishes for your happiness, glowing with bright hope for the future.
We look forward to serving you again
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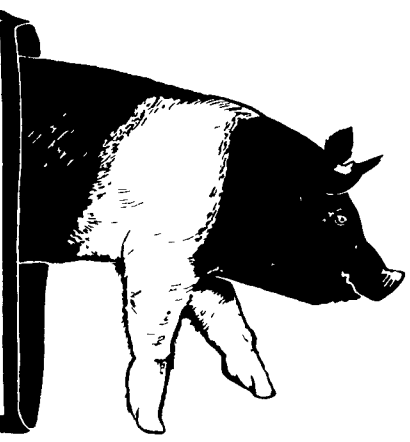
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RD 4, Danville, PA
- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

HOLIDAY SCHEDULE
Closed Mon., Dec. 24, 1984
and Mon., Dec. 31, 1984
WE WILL BE OPEN
Wed., Dec. 26th & Wed., Jan. 2nd
MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

FRIDAY, JANUARY 18
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00 P.M.
Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.
50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.
Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
Hand mated with Breeding Dates
Local Trucker Available
No Hogs Sold On Commission
CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE FEBRUARY 15

Livestock market and auction news

Virginia Auction Summary

December 13-19
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 7,305.

Trend: Steady to $2.00 higher.

South & Southwest Va.
December 13-19
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 55.00-66.00, 500-700 lbs. 55.00-65.50, 700-1000 lbs. 53.00-62.00. Large 1 300-500 lbs. 53.25-66.00, 500-700 lbs. 57.00-65.50, 700-1000 lbs. 58.00-62.00. Small 1 300-500 lbs. 50.00-62.00, 500-700 lbs. 50.00-58.00, 700-1000 lbs. 57.75-58.00.

HEIFERS: Medium 1 300-500 lbs. 42.00-54.00, 500-700 lbs. 42.00-54.50, 700-900 lbs. 42.00-50.00. Large 1 300-500 lbs. 44.50-56.00, 500-700 lbs. 45.00-54.50, 700-900 lbs. 47.00-50.50. Small 1 300-500 lbs. 40.00-51.00, 500-700 lbs. 36.00-46.00.

Northern Va. Auction Summary
December 13-19
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 52.00-64.00, 500-700 lbs. 52.00-62.75, 700-1000 lbs. 51.00-62.00, Large 1 300-500 lbs. 50.00-62.00, 500-700 lbs. 55.00-64.00, 700-1000 lbs. 54.75-62.00. Small 1 300-500 lbs. 50.00-60.00, 500-700 lbs. 48.00-59.00, 700-1000 lbs. 55.00-56.60.

HEIFERS: Medium 1 300-500 lbs. 41.00-50.50, 500-700 lbs. 40.00-52.00, 700-900 lbs. 40.00-52.75, Large 1 300-500 lbs. 43.00-52.00, 500-700 lbs. 46.00-53.00, 700-900 lbs. 35.00-48.50. Small 1 300-500 lbs. 38.00-46.00, 500-700 lbs. 32.00-45.50; 700-900 lbs. 42.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, December 15
Report supplied by auction

FEEDER CATTLE: Trend- All Classes Steady. Steers- M&L-1 300-500 lbs. 50.00-60.00, few 62.00, 500-700 lbs. 54.50-60.50, few 66.00; 700-1000 lbs. 51.00-57.50, Holstein 300-1000 34.50-43.50; S-1&M&L-2 300-500 lbs. 45.00-55.00, 500-700 lbs. 48.00-57.00; 700-1000 lbs. 42.00-50.50. Feeder Bulls- M&L-1 300-500 lbs. 48.00-58.00, 500-700 lbs. 48.00-54.50, 700-1000 lbs. 41.50-45.00; S-1&M&L-2 300-500 lbs. 39.50-48.00; 500-700 lbs. 41.00-45.00; 700-1000 lbs. 37.00-45.00. Heifers- M&L-1 300-500 lbs. 41.50-52.00, 500-700 lbs. 44.50-53.00, 700-800 lbs. 44.00-46.00. S-1&M&L-2 300-500 lbs. 40.50-47.00; 500-700 lbs. 37.50-43.00; 700-800 lbs. 37.00-41.00

STOCK COWS: Beef 360.00-380.00. Baby Calves 10.00-78.00, mostly 30.00-60.00

SLAUGHTER CATTLE: Steers- Good 2-3 54.25-57.00.

SLAUGHTER COWS: Trend 2.00 higher. Utility & Commercial 2-4 32.00-38.75, Canner & Cutters 1-3 25.00-30.75.

SLAUGHTER BULLS: 1&2 35.00-43.50.

LAMBS: Trend- steady. High Choice & Prime 63.50, Choice 61.50, Feeder Lambs Choice 57.00-61.50, Slaughter Ewes 14.50-22.50.

HOGS: US 1-3 200-240 lbs. 51.00, Sows 1-3 35.00-42.50.

New Holland Dairy

New Holland Sales Stables
Wednesday, December 19
Report supplied by auction

Reported receipts of 128 cows, 36 heifers, and 10 bulls. Market stronger.

Load of 29 head, all stages, cows, 545.00-1475.00.

Load of PA Fresh cows, 835.00-1375.00.

Load of NY Purebred & Grades, fresh cows, 600.00-1475.00 springers 1050.00-1750.00.

Load of PA Fresh cows, 660.00-790.00.

Load of PA Fresh cows, 600.00-1025.00.

Load of PA Fresh cows, 925.00-1150.00.

Locally consigned cows 380.00-925.00.

Springing heifers 500.00-825.00.

Bulls 275.00-525.00.

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSER, Proprietor

All out of state and new buyers must have cash or certified check or current letter of credit from bank.

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- Speculating
- Managed Account

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Commodities Investment Executive,
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Lebanon, Lancaster, New Holland, Morgantown, Reading, Kutztown, to Myerstown.

May your holiday season be filled with all the expressions of joy that is Christmas.

Gwaltney

GWALTNEY of SMITHFIELD, LTD.

We will receive your market hogs

Mondays, Wednesdays, Thursdays & Fridays

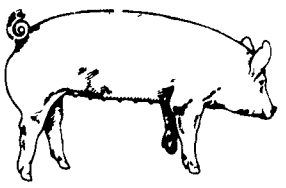
NOTE OUR WINTER HOURS
7 A.M. to 1 P.M.

SPECIAL HOLIDAY HOURS
Open Christmas Eve Day & New Year's Eve Day
7 AM to 9 AM Only
Closed Christmas & New Year's Day
Normal Hours Will Resume Jan. 2, '85

Located at the Vintage Sales Stables, Paradise, PA
You will be paid immediately.
No commission or yard fees deducted.
Reduced waiting time.
Premium prices are paid for extra fancy hogs.

For Information Call
Ed Herrmann or Charlie Kauffman
717-442-4742

Joyous wishes for a holiday of love and laughter... with sincere thanks to all our good friends and patrons.



EMERY'S BUYING STATION

We Will Be Closed Christmas Day & New Year's Day

OPEN TO RECEIVE YOUR MARKET HOGS

AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA ON NORTH STATE STREET.

HOURS: MONDAY, TUESDAY, and WEDNESDAY 6:00 A.M. to 11:30 A.M.
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717-733-9648 Office

YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

We will deliver in the Delmarva area.

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* LASSO	* ROUND UP	* COUNTER
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	* LOROX	* THIMET
	* TOXEPHENE	* ETC.

MELVIN R. WEAVER
2213 Leabrook Road, Lancaster, PA 17601
Ph: 717-569-6576 or 898-8354

The Richard Herr family of R6 Lancaster has extended their holiday decorations to the barn. Two Christmas trees decorated with white lights clue visitors that the Christmas spirit is alive and well here.

Deck the barn with holiday cheer

A few greens, a candle and a bow bring holiday cheer to this barn window. The window is on a barn owned by Richard Herr of R6 Lancaster.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

A FINITE INFINITY
December 23, 1984

Background Scripture:
John 1.
Devotional Reading:
John 1:35-42.

Several months ago I attended a conference on the campus of a Philadelphia college and heard an astronomer bring us up to date on current knowledge of the universe. It was a mind-boggling experience, for although I had known the universe was huge, I had never realized that it is beyond my powers of comprehension to even consider how gigantic it is. I had understood that the universe was also intricately as well as grandly complex, but that evening I came to realize that the complexity of the universe can only be apprehended, never comprehended.

As I left the lecture hall and looked up into the starry heavens, my mind reeled with thoughts of the implications of what I had just heard for my understanding of God. How vast and complex and utterly incomprehensible God must be! And, in fact, whenever I consider "the heavens, the moon and the stars which thou hast established" (Psalm 8) my concept of God becomes alarmingly more vast and incomprehensible.

WORD BECAME FLESH

Sometimes I have somewhat the same reaction when I contemplate the complexity or moral and ethical issues. God commands us to love our enemies, but if we treat our enemies only with love will they not take advantage of us and enslave us, if they can? And if they prevail with their military might, will not religion itself vanish from the face of the earth? The more I ponder these issues, the further away seems the guidance of the one whom we call God.

Yet, whenever God seems far away from me because of my intellectual and spiritual limitat[illegible] share with all human beings, I remember Jesu[illegible] of Nazareth and suddenly [illegible] remote and unknowable Ultimate Reality and Ground of Being comes into focus in the image of the Christ. Let the theologians and others dispute over the questions of just how Jesus was divine, the fact is that if I focus upon Jesus Christ I can see God clearly enough to know that He-She-or-Whatever is not just the remote and ultimate Reality, for Christ makes God a personal experience. The infinite becomes existentially finite or at least concrete enough to dispel the darkness.

DWELT AMONG US

"And the Word became flesh..." (John 1:14). The Divine was expressed in human form, the only form human beings can understand. I cannot comprehend the Creator of the Universe, but I can look at Jesus Christ and know what I am intended to do with my life. For "the Word" not only "became flesh," but "dwelt among us, full of grace and truth" (1:14).

That is why Christmas, when truly experienced, is a "light that shines in the darkness, and the darkness has not overcome it" (1:5). In the midst of a world that becomes ever more complex and where moral issues become increasingly more intricate and involved, it is the essence of our Divine Source—the love expressed in a Bethlehem manager—that gives us light sufficient to make our way through this bewildering world.

Comments requested on dairy promotion

CHAMBERSBURG — Comments will accepted until February 4th on U.S. Department of Agriculture proposed procedures for conducting referenda on the Dairy Research and Promotion order and proposed amendments to the order.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service, said that the action is in preparation for a referendum on continuation of the order that the Secretary of Agriculture is required to conduct within the 60-day period ending Sept. 30, 1985.

The research and promotion program, which was authorized in the Dairy and Tobacco Adjustment Act of 1983, is financed by a 15-cent per hundredweight assessment on all milk produced in the contiguous 48 states and marketed commercially by dairy farmers. The program is administered by a board of 36 dairy farmers appointed by the Secretary of Agriculture with representation based on area milk production.

Coughlin said the USDA proposals include procedures for conducting the initial referendum and any subsequent referenda. He said the proposed amendments would change the name of the order to make it consistent with the name of the board and make a change in board voting procedures.

The proposal is published in the December 5th Federal Register. Comments should be sent in the Dairy Division, Room 2968-S, AMS, USDA, Washington, D.C. 20250.

The Dec. 5 Federal Register is available for public review at County Agricultural Stabilization and Conservation Offices in Pa. The Franklin County ASCS Office is located at 550 Cleveland Avenue, Chambersburg, Pa.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Review Partnership Agreements

There are a number of advantages to establishing farm partnerships, but an annual review of the agreement and its value in relation to current needs is essential.

I would like to offer a few suggestions for those who have entered into farm partnership agreements.

Once a farm partnership is drawn up, the agreement should be reviewed at least once a year. This should be done for two reasons. First, to see how well each of the partners is meeting their obligations—and secondly, to carefully evaluate the agreement to see if it is doing its intended job.

Then, too, farming is a rapidly changing business. So, don't be surprised if the agreement you set up just a couple of years ago isn't entirely adequate to meet today's needs.

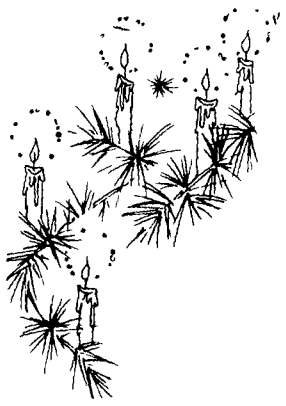
So review that agreement carefully. If it doesn't quite measure up to current needs, plan to make necessary changes before 1985 rolls around.

To Sort Tobacco

Tobacco stripping is underway in this part of the state and many hours will be spent removing the leaves from the stalk. The days of special handling and sizing seems to be over; however, it is still very important that growers sort the injured and ground leaves from the good tobacco. This will be required if the crop is being sold on grade. With some "pull off" crops this is less important. On the other hand growers should be fair enough to sort out the undesirable leaves. If

(Turn to Page A12)

UNCLE OTIS, I CALLED YOUR CHRISTMAS CAROLING CLUB AND TOLD THEM ABOUT YOUR SORE THROAT...
SNIFFLE! SNIFFLE!
AND THEY REALLY GOT WORRIED
THEY DID?
YUP, ABOUT WHO THEY'RE GONNA HAVE TO GET TO SING BASS, NOW
© DAVE GREENER



HERSHEY EQUIPMENT COMPANY, INC.

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807

Dear Friends,

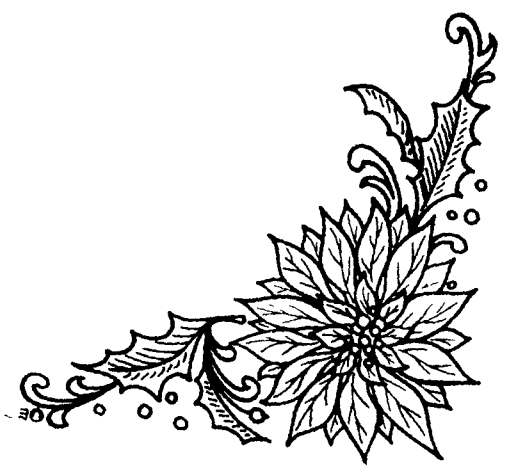
One of the real pleasures of the Holiday Season is the exchange of greetings with those whose friendship we value as highly. All of us at Hershey Equipment extend our heart felt thanks for your continued support.

We look foward to 1985 with bright anticipation; not only to a continuation of service to our previously established friends, but also to meet and serve many new customers.

We are very proud of our staff at Hershey Equipment and their continued dedication towards working together to be of better service to you, our customers.

May all of you have a Merry Christmas season and may 1985 bring you Health, Happiness and Prosperity.

Sincerely,
Donald C. Hershey
Joyce H. Hershey



Lebanon County ASCS elects

LEBANON — Frank Reist, a well-known Lebanon County dairyman, was named to the county Agricultural Stabilization and Conservation committee by delegates to the county ASCS convention, held December 6, at Heisey's Diner, Lebanon.

The delegates also elected Kenneth Blatt and Eugene Hoffman as first and second alternates to the committee.

Edward Krebs, Grantville, was elected as chairperson of the Lebanon 'County Agricultural Stabilization and Conservation Service Committee. Mr. Krebs' farming operation consists of cash cropping and raising beef cattle on the 491 acre farm. He is known in the county for his economic consulting work.

Frank Reist, Lebanon, was elected vice-chairperson of the committee. He operates a dairy farm, Ferndale Farms, of 297 acres. Reist will no longer serve as a community committee person, and Philip Arnold will replace him on the community committee.

John Stick, Lebanon, was elected regular member of the county committee. Mr. Stick is a dairy farmer with a herd of Ayrshires. He also served on the Soil Conservation District Board.

Mr. Kenneth Blatt, Jonestown was elected first alternate member of the county committee. He is a dairy farmer operating 350 acres.

Mr. Eugene Hoffman, Newmanstown, was elected second alternate member of the county committee. Mr. Hoffman is also a dairy farmer operating 217 acres.

The county ASCS committee is responsible for local administration of government farm programs such as Production Adjustment, Milk Diversion, Emergency Livestock Feed, Agricultural Conservation and Emergency Conservation.

Barley gets House posts

HARRISBURG — Representative-elect John E. Barley of Lancaster County has been named to the House Conservation Committee and the House Local Government Committee.

The 100th District Republican said he had expressed interest in the two committees.

"I'm very excited about these appointments," said Barley. "They are two committees which impact quite heavily on the 100th Legislative District. As a freshman legislator of the minority party, I'm especially fortunate to receive a seat on these panels.

"The Conservation Committee is important, considering our agricultural community and concerns about the Chesapeake Bay. The Susquehanna River constitutes the entire western boundary of our district and our area is a very large watershed for the river and the bay."

Barley pointed out that the district is the most rural and open portion of Lancaster County with the greatest share of park and recreation lands.

"I was also glad to be appointed to the Local Government Committee, since I've had previous experience with my local planning commission, county advisory boards and the zoning process in my own township," added Barley.

"Township officials and school board directors take their jobs very seriously. My position on the committee will allow me to effectively support their views and concerns and serve as a bridge between local government and Harrisburg."

Barley pointed out that his experience with the Lancaster County Solid Waste Advisory Committee will be beneficial to both the Conservation and Local Government committees.

Members of the state House will be sworn into office on Jan. 1. Organization of committees is expected in late January.

Now is the Time

(Continued from Page A10)

this is not done, the buyer will be unhappy and look elsewhere for his tobacco supplies. Some sorting is necessary with every crop, regardless of the method of selling.

N.Y. auctioneers elect president

GENESEO, N.Y. — At the New York State Auctioneers Association's annual meeting recently in Syracuse, Roy Teitsworth was elected president of the organization for the year 1984-1985. Teitsworth, of Geneseo, N.Y., had previously served as director and most recently as vice president.

Teitsworth is president of Roy Teitsworth, Inc., professional auctioneers, of Geneseo, N.Y.; farm machinery and construction equipment auction specialists, as well as sale managers and auctioneers of estates, business liquidations, antiques, and households. In addition, Teitsworth is employed by other auction managers as expert auctioneer for selling construction equipment throughout the Northeast. He is a licensed real estate salesman, licensed by the N.Y.S. Agriculture and Markets Dept., and a licensed N.Y.S. motor vehicle dealer.

Teitsworth resides just South of Geneseo in Groveland, N.Y., where he was operated Roy Teitsworth, Inc. for 15 years, with his wife (Susan Gray Teitsworth) and three children. He has served his community, being elected in November 1983, as town councilman and previously has held other positions in town government. Also; he serves on the Board of Trustees at the Geneseo Baptist Church in Geneseo.

Roy Teitsworth

To Protect Small Pigs

Cold weather is here and many small feeder pigs are not given sufficient protection. In our modern open-fronted finishing houses the small pigs may become too cold and come down with digestive and respiratory problems. We suggest that the pens be covered with boards, or other materials to form a hover over the back part of the pen. This will help maintain body heat and reduce the chance of any drafts over the smaller pigs. When the pigs pile up during cold weather, they are not warm enough. You may want to use heat lamps or other forms of supplemental heat, on the small pigs during very cold weather.

To Understand Firewood Volume Terms

Energy costs are continually going up and many people are using woodburning stoves as a means of reducing oil, electric and gas use. This means buying more firewood.

It is a good idea to know what you are buying. Some firewood sellers may offer such "measurements" as face cord, rick, rank, stack, truckload or "pile" and buyers often believe they are getting a cord.

A "cord" is defined by Pennsylvania law as "the amount of wood which is contained in a space of 128 cubic feet when wood is ranked and well stowed." This means a neatly piled rank of wood four feet high, four feet wide, and eight feet long. Those selling fuelwood are liable under the law when they use the term "cord" alone.

A "face cord" which is a term widely used is a neatly piled rank of wood four feet high, eight feet long and as wide as the lengths of the sticks of wood. If the pieces are 16 inches long, you have one-third of a cord of wood.

It pays to know the amount you agree to buy.

The Extension Service is an affirmative action, equal opportunity educational institution.

Merry Christmas and a Happy New Year

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Livestock market and auction news

Carlisle Livestock

Carlisle, Pa.
Tuesday, December 18
Report supplied by auction

CATTLE: Steers: Strong demand 2.00 higher. Choice 63.00-67.25; Good 58.00-62.00; Medium Holsteins 51.00-56.25; Medium 57.00 down. Heifers: Steady. Choice none offered. Medium 45.00-52.25; Utility 37.75-40.75. Cows: Active 2.00 higher; Earlybird Pen 3.00 higher on large run. High Yield 38.00-39.35; Average 36.00-38.00; Big Middle 33.00-37.25; Shelly 34.00 down. Fat Bulls: Medium 44.25-47.50.

FEEDER CATTLE: Strong demand for Choice Steers. Steers (300-550 lb.) steady. Choice 59.00-64.00; Good 52.00-58.00; Medium 46.00-51.00; Culls 43.00-45.00. Steers (600-850 lb.) 2.00 higher. Choice 60.00-64.00; Good 54.00-59.00; Medium 44.50-52.00; Utility 39.00-44.00. Heifers (all weights) Steady. Choice 45.00-46.00; Good 41.00-44.00; Medium 33.50-40.00. Bulls (all weights): Few Medium 45.00-47.00.

VEAL CALVES: 3.00 to 7.00 higher with strong demand for back to Farm Calves. Choice 80.00-87.00; Good 70.00-79.00; Medium 55.00-69.00; Light/weak 54.00 down. Farms Bulls 70.00-90.00. Farm Heifers 75.00-85.00.

HOGS: Barrows & Gitls mostly steady. 210-250 lbs. 50.75-52.25; over 260 lb. 49.50-51.50; Under 210 45.00-45.75; 2 & 3's 49.10-50.50.

SOWS: Heavy 2.00 lower; Light sows steady; over 450 lb. 39.25-42.25; under 450 39.50-45.00; 2 & 3's 34.50-38.50. Boars: Heavy 28.50-33.50; Light 35.50-36.00.

FEEDER PIGS (by the hd) 3.00 higher (25-35 lbs. 26.00-33.00) (40-60 lbs. 39.00-48.00). Shoats (by the lb.) 41.00-48.00.

SHEEP: Lambs- Mostly steady. Choice 60.00-63.00; Good 55.00-59.00; Medium 54.00 down. EWES 19.00-27.50 lb. Goats: (Lg) 47.50-60.00 (hd); Sm./Med. 17.00-33.00 (hd); Family's 42.50-47.50.

Central U.S. Carlot

Beef Report
Wednesday, December 20
Report supplied by USDA

Compared to Tuesday's 4:00 report, no sales reported on Choice 3 Steer Carcasses; good Steers steady. Heifer carcasses steady for delivery before Christmas; 400-500 lb. Choice 3 mostly $1.00 higher for after Christmas delivery. Trading, demand, and offerings light to moderate.

The gross boxed beef carcass cut out value declined $.58 to an estimated $105.76 per cwt., 96 loads boxed cuts reported.

Sales reported on 25 loads of Steer and Heifer Carcasses.

Steer Beef
8 Loads
FOB Omaha Basis

Choice 3 600-700 lbs. 101.50.
Choice 2 600-700 lbs. 102.50.
Good 2-3 600-900 lbs. 98.00, steady.

Heifer Beef
17 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 99.00, steady; 500-550 lbs. 98.00-99.00, mostly 1.00 higher; 400-500 lbs. 96.00-97.00, mostly 1.00 higher.
Choice 2 600-700 lbs. 101.00.
Good 2-3 550-700 lbs. 94.00, steady.

Steer and Heifer
Primal Cuts
17 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 115.00-116.00.
Good and Choice 2-3: Short Plates 63.00-65.00, mostly 63.00.

Cow Beef
4 Loads

Midwest - no recent test for comparison. Demand moderate to good for next week delivery with offerings light.

Midwest
Production Area
FOB Omaha Basis

Cutter 1-2 350/up lbs. 71.00.

For The Week

Compared to last Friday, Steer Carcasses $1.00 lower. Heifer Carcasses #1.00-2.00 lower. Boxed Beef Carcass cutout value declined $1.57 p/cwt. Cow Carcasses generally steady in the midwest, but $3.00-4.50 higher for next week's delivery in Oklahoma and Eastern Texas.

New Holland Horse

New Holland Sales Stables
Monday, December 17
Report supplied by auction

Report receipts of 265 head of horses, mules and ponies. Market: steady.

LOCAL:
Driving horses 200.00-700.00.
Riding horses 225.00-410.00.
Lightweight killers 150.00-200.00; Heavyweight killers 250.00-340.00.
Mare ponies 30.00-50.00; Colts 10.00-20.00; Gelding ponies 30.00-50.00.
Larger ponies 75.00-150.00.

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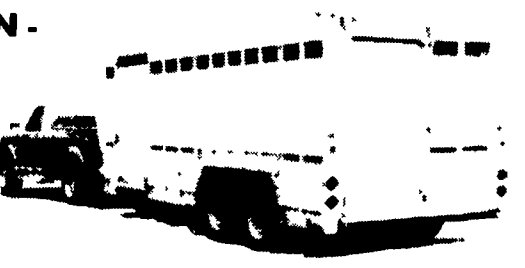

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Reservations By December 27th
NOTE: Thurs., Jan. 3rd is correct date. Ad on Pg. D19 is incorrect.

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Livestock market and auction news

St. Louis Cattle

Thursday, December 20
Report supplied by USDA

Receipts This Week	4,700
Week Ago	5,200
Year Ago	2,900

Compared to last week's close, Slaughter Steers and Heifers mostly .50-1.00 lower. Cows 1.00 higher. Bulls steady to weak. Slaughter supply mainly choice and mixed choice and prime slaughter steers and heifers, around 20% cows. Note: The supply of slaughter cows increased markedly this week.

SLAUGHTER STEERS: Limited supply mixed choice and prime 2-4 1075-1275 lbs. 65.50-66.00, package 66.50. Choice 2-4 1000-1275 lbs. 64.00-65.50. Closing 64.00-65.00; 850-1000 lbs. 62.50-64.00. Mixed good and choice 2-3 900-1225 lbs. 62.50-64.50. Good 2-3 900-1200 lbs. 59.00-63.00. Good 2-3 1075-1400 lb. holsteins 54.00-58.50.

SLAUGHTER HEIFERS: Limited supply mixed choice and prime 2-4 900-1100 lbs. 64.00, couple packages 64.50. Choice 2-4 900-1125 lbs. 62.00-64.00, closing 62.00-63.50; 800-900 lbs. 60.50-62.50. Mixed good and choice 2-3 900-1000 lbs. 60.00-62.50. Good 2-3 750-950 lbs. 58.00-60.50.

COWS: (Closing Week Sales). Breaking utility and commercial 2-4 35.00-38.00. Cutter and boning utility 1-2 35.00-38.00. High-yielding boning utility 1-2 38.00. Canner and low cutter 1-2 31.00-35.00. Shelly canner 1-2 27.00-31.00.

BULLS: YG 1-2 1100-1900 lbs. 41.00-45.00, couple YG 1 47.00.

Wednesday's Weekly Sheep Auction. Receipts Around 400 Head. Compared with last week, wooled slaughter lambs 4.00 lower. Shorn slaughter lambs 9.00 lower. Feeder lambs 3.00 lower. Trading moderately active for moderate supply. Demand light.

SLAUGHTER LAMBS: Mixed choice and prime wooled 90-120 lbs. 51.50-55.50. Same grade shorn with No. 1-2 pelts 90-110 lbs. 51.50-55.50; 125-135 lbs. 45.50-51.00.

SLAUGHTER EWES: Few good 12.00-18.00.

FEEDER LAMBS: Mixed choice and fancy 55-90 lbs. 51.00-56.00.

GOATS: Few 14.00-20.00 per head.

FEEDERS: (Including around 1,400 at the regular Thursday auction.) Feeder steers under 500 lbs. 2.00-4.00 higher, 500-600 lbs. 1.00-2.00 higher, 600-800 lbs. mostly .00 lower, over 800 lbs. steady. Feeder heifers under 500 lbs. 5.00-6.00 higher, 500-600 lbs. 2.00-3.00 higher, over 600 lbs. steady. Trading moderately active. Demand good. Supply moderate.

FEEDER STEERS: Medium and large frame 1: 300-600 lbs. 59.00-65.00. Few 600-700 lbs. 57.00-58.00, 700-800 lbs. 58.00-62.00, one lot 64.50, 800-1000 lbs. 58.00-62.00.

Medium and large frame 1-2: Few 300-600 lbs. 55.00-58.50. Large frame no. 2 holsteins: Few 500-800 lbs. 40.00-44.00. One lot 1050 lbs. 48.50.

FEEDER BULLS: Medium and large frame 1-2: Few 400-850 lbs. 48.00-53.00.

FEEDER HEIFERS: Medium and large frame 1: 250-400 lbs. 47.50-50.00, couple lots 250-300 lbs. 55.00, 400-600 lbs. 51.00-55.50, one lot 517 lbs.

Apple Market News Service

Tuesday, December 19, 1984
Report Supplied the PDA

Demand on the export market is beginning to show signs of slowing down. Perhaps this slowdown is a normal holiday lull since there is word of increased activity in exports after the first of the new year. Shipments this past week have been to Norway, Iceland and the nations of the Caribbean Sea basin. Prices are holding in the export market at $8.00 to $10.00 for traypacked fruit.

Demand in the domestic market continues fair to good and prices are remaining steady. Western bagged apples are beginning to appear in some eastern markets. Reports received here indicate that some are in the Memphis market area and there is a promise of more to come all over the east. This will have a significant effect on your markets for the balance of the selling season. You should consider this competition when you make your plans to move the balance of your crop.

Domestic prices quoted are wholesome, truckload, F.O.B. at the orchard and packing house.

Bagged Apples: Cartons 12/3#, 2¼ up.

Red Delicious U.S. Extra Fancy $7.50-8.50, U.S. Fancy 7.00-7.50, mo. 7.50; Combination U.S. Extra Fancy & U.S. Fancy 7.00.

Golden Delicious U.S. Fancy 6.50-7.50.

LAW ROMES: U.S. Extra Fancy 7.50-8.50, mo. 8.50; U.S. Fancy 7.00.

Red Romes U.S. Extra Fancy 7.50.

Stayman U.S. Fancy 8.00.

Yorks U.S. Fancy 7.25.

Bagged Apples Cartons 12/3#, 2½" up.

Red Delicious U.S. Extra Fancy 8.00.

Traypack Red Delicious U.S. Extra Fancy 100's, 88's & 80's 10.00-12.00; 125's 10.50; 113's 9.50-11.00; U.S. Fancy 100's & 113's 9.50; Comb. US Extra Fancy & U.S. Fancy 100's & lgr. 9.50.

Golden Delicious Combination U.S. Extra Fancy & U.S. Fancy 100's & lgr. 10.00-12.00; 113's 9.00-11.00.

Law Romes U.S. Extra Fancy 100's & lgr. 9.00-12.00; Combination U.S. Extra Fancy & U.S. Fancy 88's & lgr. 9.50-10.00 m. 9.50.

Stayman Combination U.S. Extra Fancy & U.S. Fancy 100's & lgr. 12.50.

McIntosh Combination U.S. Extra Fancy & U.S. Fancy 125's & lgr. 11.00.

Apple Cider 9½ gal. 7.90; 4/1 gal. 6.50.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, December 17
Report supplied by PDA

CATTLE 388. Compared with last Monday's market, slaughter cows 25 cents-50 cents lower, instances $1 lower. Good slaughter steers 56-60.50, Standard 50-54.50, few Utility 47-49.50. Good slaughter heifers 51-53.50, Standard 44.50-49, Utility 38-45.00. Breaking Utility & Commercial slaughter cows 35.00-40, few 40.75-43.25, Cutter & Boning Utility 33.50-35.50, Canner & Low Cutter 28-33.50, Shells down to 23.00. Yield Grade No. 1 1300-1900 lbs. slaughter bulls 42.00-46, few #2 900-1400 lbs. 38.00-41.

FEEDER CATTLE: Medium Frame #1 325-600 lbs. steers 51.00-58, Medium #2 3-450 lbs. 40.00-47. Medium Frame #1 325-500 lbs. heifers 46.00-52, #2 3-500 lbs. 37-44.50; Medium Frame #1 350-650 lbs. bulls 50-57.50.

CALVES 344. Choice vealers 90.00-95, Good 70.00-82, Standard & Good 90-120 lbs. 42.00-52, 60-85 lbs. 35.00-43, few Utility 50-100 lbs. 21.00-34.00.

HOGS 182. Barrows and gilts fully steady. US No. 1-2 210-240 lbs. barrows and gilts 50.10-51.10, No. 1-3 209-250 lbs. 49-50.50, few No. 2-3 260-280 lbs. 46.00-47 No. 1-3 112-165 lbs. 39-40.50, 165-190 lbs. 44.00-48. US No. 1-3 350-550 lbs. sows 40-43.00, No. 2-3 325-600 lbs. 37.75-39.50. Boars 32.00-34.00.

FEEDER PIGS 25. US No. 1-3 25-45 lbs. feeder pigs 19.00-23 per head, few 75-90 lbs. 31.00-40, few Utility 10-19 lbs. 9.00-13 per head.

SHEEP 156. High Choice & Prime 70-100 lbs. wooled slaughter lambs 65.00-68, Choice 60-80 lbs. 63.00-65, one lot Good 50 lbs. feeder lambs at 40.00. Slaughter ewes 17.00-22.00. GOATS 5: 12.00-20.00.

The Management and Employees of Evergreen Tractor Company, Inc., wish you and your family a Merry Christmas and a Happy New Year!

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TRACTORS:

JD 4230, Quad, Fender	$12,500
JD 4020, Side Console	$9,500
JD 3020, Gas, New Overhaul	$7,350
JD 2840, Dual Remote	$14,900
JD 2440 1982 Tractor w/146 Loader	$14,900
JD 2630 Diesel Tractor, Hi-Lo 540-1000	$9,750
JD 2630, Dual Remote	$9,750
(1) White 2-105 w/Roll Guard	$15,900
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IH 240 w/Fast Hitch and 2B Plow	$2,150
White 2-60 4WD w/Loader, 800 Hrs.	$13,500
Ford 8000	$6,950
JD SOLD	$12,500
JD 3020 Diesel, Symcro	$7,450
JD 4010 Diesel	$6,750
IH 826 Turbo	$8,750

COMBINES & PICKERS:

(1) JD 6620LL Combine 800 hrs.	Price on Request
JD 3300 Dsl. w/cab, 343 C.H. & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab	$3,950

TILLAGE:

JD 11' 3 pt. Chisel	$1,450
JD 350 5 Bottom Plow	$2,850
JD 210 Disc 11'x5"	$3,950
JD 1450 Plow 5x16	$1,950
(1) John Deere 12' RW	$875
Howard 100" 1000 PTO Rotovator	$3,450
Brady 30' Field Cultivator	$5,450

HARVESTERS & FORAGE EQUIPMENT:

NH #36 Flail Chopper	$2,450
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 Hrs.	$23,500
JD 38 Harvester, 2 Row Narrow w/Pickup	$2,350
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) Grove Forage Wagon w/Roof & Gear	$1,850
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE	(Dealer Inquiries Welcome)
(1) Used 350 BU. Myer Morton PTO Batch Dryer	$3,450

HAY MACHINES:

JD 480 Mower Conditions	$1,450
Hesston PT10 9' Mower Conditioner	$1,850
NH #68 Baler	$450
JD 14T Baler	$750
NH 469 Haybine	$2,350
NH 479 Haybine	$3,250
NH 275 Baler w/Thrower, Hydraulic Aim	$2,950
JD 336 Baler w/Ejector	
NI #402 8½' Hay Rake	$1,250
JD 1214 12' Mower Conditioner	$3,950

MISCELLANEOUS:

IH 850 Grinder Mixer	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
6 Row Hyd. Fold Cultivator	$1,500
14.9x26 T-rail duals	
20.8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd endgate	$4,500
JD 37 Hydraulic bucket ind. valve	$1,150
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020	$850
(2) NI Tandem Axle Spreaders	
Better Bilt 1500 Gallon Tank Spreader w/ejectors	$4,450
Used JD 534 Front Dozer Blade, 9 ft.	$1,950

PLANTERS & GRAIN DRILLS:

JD 7000 8 R 30" Planter, Liq P.O P Monitor, No-Till	
IH 400 4R Air Planter	$1,950
IH Grain Drill	$650
IH Grain Drill	$450
JD 494A Planter	$850
JD 290 Planter	
IH 13x7 Grain Drill	$450

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JD 1630 Disc 12' w/24" Blades, Dual Wheels, Demo Cash	$5,450
JD 225 Offset Disc, ¼ w/Blades, Cash	$4,450
(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price	$8,600
(2) JD 415 Rotary Hoe, Cash Price	$2,295 Each

Coming in . . .
IH 6 Row Air Planter
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MF 30B Industrial Tractor
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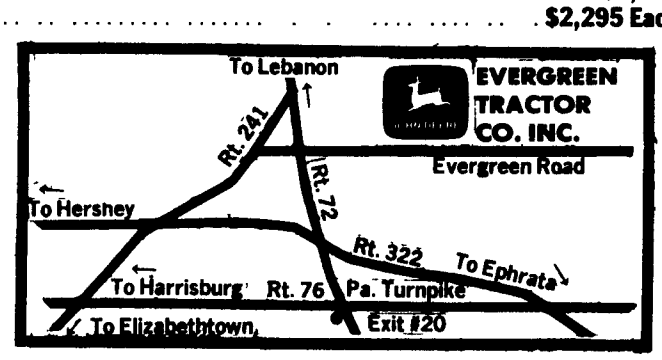

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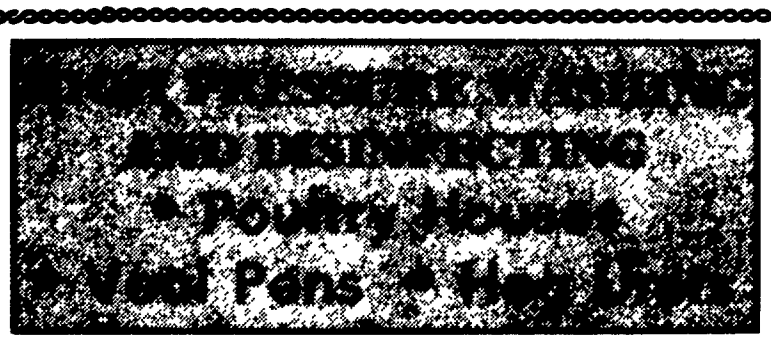

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Livestock market and auction news

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, December 18, 1984
Report supplied by Auction

Beef Cows: Utility and Commercial 38.75-42.25; Cutters 36.10-38.50; Canners 32.85-38.85; Shells 30.00.

Heifers: Standard 42.50-50.10; Commercial 35.25-41.75.

Steers: Choice 55.85-59.25; Good 50.25-54.00; Standard 45.25-49.00.

Bulls: Good 47.25-49.50; Standard 42.00-46.75.

Feeder Cattle: 300-500 lbs. large frame 46.00-51.00; 300-500 lbs. small frame 40.00-46.00; 500-700 lbs. large frame 42.00-38.00; 500-700 lbs. small frame 40.00-45.00.

Veal Calves: Choice 68.00-76.00; Good 60.00-67.00; Standard 51.00-58.00; Utility 39.00-49.00.

Farm Calves: Bulls 65.00-80.00; Heifers 60.00-68.00.

Hogs: 47.25-49.00.

Sows: 40.50-43.50.

Boars: 28.00-32.00.

Shoats: 25-30 lbs. per head 11.00-18.00; 30-35 lbs. per head 14.00-28.00; 35-50 lbs. per head 26.00-35.00.

Lambs: 50.00-111.00.

Sheep: 20.00-26.00.

Goats per head: 35.00-54.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, December 18
Report is supplied by Auction

CATTLE 379. This report is supplied by the auction. Choice slaughter steers 64.00-67.75, Good 58.00-63.75, Standard 52.00-58.00, Utility 45.00-52.00. Choice slaughter heifers 60.00-63.60, Good 56.00-60.00, Standard 45.00-56.00 Utility 35.00-45.00. Breaking Utility and Commercial slaughter cows 35.00-38.75, a few 42.50, Cutter & Boning Utility 33.00-37.75, Canner & Low Cutter 28.00-33.00, Shells down to 22.00. Good slaughter bullocks 50.00-54.25. Yield Grade No. 1 1200-1965 lbs. slaughter bulls, 46.00-52.25, Yield Grade No. 2 800-1200 lbs. 40.00-46.00.

FEEDER CATTLE: Steers 350-750 lbs. 45.00-58.00, Heifers 325-750 lbs. 32.00-52.00, Bulls 325-750 lbs. 35.00-55.00.

CALVES 192. Choice Vealers 65.00-85.00, Standard & Good 110-130 lbs. 45.00-55.00, Utility 60-90 lbs. 35.00-45.00.

FARM CALVES: Holstein bulls 90-125 lbs. 65.00-85.00, Holstein heifers 90-120 lbs. 50.00-75.00.

HOGS 915. US No. 1-2 210-235 lbs. barrows & gilts 52.50-53.50 a few 54.00, No. 1-3 200-250 lbs. 52.00-52.50, No. 2-3 190-270 lbs. 47.00-52.00. Sows. US No. 1-3 350-650 lbs. sows 38.00-42.00, No. 2-3 300-600 lbs. 30.00-38.00. Boars 30.50-34.00.

FEEDER PIGS 387. US No. 1-3 10-25 lbs. 15.00-27.00 per head, No. 1-3 25-50 lbs. 27.00-49.50, No. 1-3 60 lbs. at 55.00 per head.

SHEEP 123. Choice 60-110 lbs. wooled slaughter lambs and new crop lambs. 65.00-100.00, a few 140.00, Good 40-80 lbs. 45.00-65.00. Slaughter ewes 10.00-22.50.

Greencastle Livestock

Greencastle, Pa.
Monday, December 17

CATTLE 463. Butcher Steers-Choice 63.00-66.50; Butcher Steers-Medium-Good 51.00-63.50; Butcher Heifers-Choice up to 63.00; Butcher Heifers-Medium-Good 43.00-61.00; Butcher Cows-Utility-Good 36.00-42.00 few to 43.75; Butcher Cows-Canners and Cutters 34.00-41.00; Butcher Cows-Shells 34.00 and down; Butcher Bulls-Medium-Good 42.00-54.75; Stock Steers-Medium-Good up to 60.00; Stock Heifers-Medium-Good 47.50.

CALVES 376. Medium-Good Calves-160-220 lbs. 75.00-91.00; Medium-Good Calves-125-160 lbs. 60.00-80.00; Medium-Good Calves-100-120 lbs. 50.00-65.00; Medium-Good Calves-80-100 lbs. 45.00-55.00; Holstein Bull Calves up to 92.00; Holstein Heifer Calves 62.00; Light and Green Calves down to 35.00.

SHEEP and LAMBS 11. Medium-Good Lambs 53.00-53.50; Butchering Ewes and Bucks 15.00-20.00.

HOGS 136. Good-Choice Butcher Hogs 190-225 lbs. 49.00-51.50; Good-Choice Butcher Hogs 225-250 lbs. 51.50-54.00, Good-Choice Butcher Sows 400 lbs., up to 45.50; Good-Choice Butcher Sows 400 lbs., up 46.00; Heavy Boars 31.50; Pigs-Per Head 11.00-31.00.

Central U.S. Carlot

Pork Report
Thursday, December 20
Report supplied by USDA

Compared to Wednesday's 4:00 report, Fresh Pork Loins 14-17 lbs. generally steady for immediate ship. Spareribs 3.5/dn lbs. fresh firm. Skinned Hams steady to $1.00 lower. Sdls Bellies steady to $1.00 lower. Sdls Bellies steady to $1.00 lower. Pre-holiday trade active for Skinned Hams and Sdls Bellies, but slow on other items. Demand and offerings light to moderate.

U.S. No. 1&2 165 lb. Pork Carcass cutout value declines $.03-.11 p/cwt.

Sales reported on 43 loads of Fresh Pork Cuts & 5 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS (Regular): 14-17 lbs. 98.50, generally steady; 17-22 lbs. 95.00-95.50, no comparison.

PICNICS: 4-8 lbs. 50.00 late yesterday, weak.

SPARERIBS: 3.5/down lbs. 112.00 fresh, firm.

HAMS (SKINNED): 14-17 lbs. 76.00, weak; 17-20 lbs. 75.00, steady to 1.00 lower; 20-26 lbs. 71.00, steady; 26/up lbs. 60.00-63.00, no comparison.

BELLIES (Sdls - Skin On): 12-14 lbs. 63.00, steady to 1.00 lower; 14-16 lbs. 63.00, steady to 1.00 lower; 16-18 lbs. 60.00-61.50, .50-1.00 lower; 18-20 lbs. 54.50, no comparison; 20-25 lbs. 49.00, weak/Tuesday.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Frozen 40.00, no comparison.

72% Lean Trimmings Frozen 66.50, generally steady.

For The Week

Compared to late last week, Fresh Pork Loins 14-17 lbs. $1.50-6.50 higher, 17-22 lbs. $1.50-3.00 higher. Picnics 4-8 lbs. $1.00-4.00 higher. Skinned Hams $13.00-28.00 lower. Sdls Bellies $.25-2.00 higher.

Chambersburg Livestock Auction

Chambersburg, PA
Thursday, December 13
Report Supplied by PDA

CATTLE 333. Compared with last Thursday's market, Slaughter cows are 75 cents - $2.00 higher. Few Choice 1000-1260 lbs., slaughter steers 64.25-66.00, Few Good 56.00-60.25, Few Standard slaughter heifers 50.00-54.50. Few Standard 42.00-46.25. Breaking Utility & Commercial Slaughter Cows 37.00-41.00, Few Late Sales at 45.50, Cutter & Boning Utility 34.25-38.85, Canner & Lower Cutter 30.50-34.50, Shells down to 27.00. Few Yield Grade No. 1 1065-1435 lbs. Slaughter Bulls 41.50-47.75, Few Yield Grade No. 2 800-1080 lbs. 33.75-40.75.

FEEDER CATTLE: Steers, Few Medium Frame No. 1 375-565 lbs. 49.50-57.00. Heifers, Few Medium Frame No. 1 375-595 lbs. 42.50-50.50.

CALVES 357. Few Choice Vealers 76.00-90.00, Good 60.00-77.00, Few Standard & Good 110-125 lbs. 53.00-56.00, 70-105 lbs. 43.00-53.00, Utility 60-90 lbs. 35.00-45.00.

FARM CALVES: Holstein Bulls 90-125 lbs. mostly 75.00-99.00, few down to 52.00. Holstein heifers 90-125 lbs. 53.00-68.00.

HOGS 65. Two Lots No. 1-3 235 & 260 lbs. 52.00 & 52.35, Sows: US No. 1-3 300-520 lbs. sows 39.00-44.00, Couple 47.00, Medium 300-380 lbs. 35.50-38.00. Few Boars 32.00-35.00.

FEEDER PIGS 54. NOT ENOUGH OF ANY ONE GRADE FOR A MARKET.

SHEEP 9. Few Choice 80-100 lbs. Wooled Slaughter Lambs 56.50-61.50, one at 65.00. GOATS 3. Medium & Large 23.00-34.00 per head.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, December 18
Report Supplied by PDA

CATTLE 178. A Few Good steers 53.25-60.75, A Few Standard 50.75-51.50. Couple Choice slaughter heifers 59.75 and 61.00, Couple Good 53.50 and 54.25, Few Standard 45.75-51.75. Break Utility & Commercial Slaughter cows 37.75-41.75, couple 45.00, Cutter & Boning 34.50-39.00, Canner & Low Cutter 31.00-34.50, Shells down to 24.50. Yield Grade No. 1 945-1915 lbs. slaughter bulls, 45.25-50.00.

CALVES 265. Couple Prime Vealers at 90.00, Choice Vealers 72.00-81.00, Good 59.00-70.00, Few Standard & Good 110-120, 52.00-55.00, 70-105 lbs. 40.00-48.00, Utility 60-85 lbs. 32.00-40.00.

FARM CALVES: Holstein bulls 90-130 lbs. 58.00-88.00, mostly 75.00-85.00.

HOGS 152. Few Lots US No. 1-2 220-245 lbs. barrows and gilts 51.00-52.75, No. 1-3 210-270 lbs. 49.00-51.25. Sows. US No. 1-3 300-600 lbs. sows 37.00-44.00, Few Medium 280-341 lbs. 29.00-34.00. Boars 30.00-36.25.

FEEDER PIGS 11. NOT ENOUGH OF ANY ONE GRADE TO ESTABLISH A MARKET.

SHEEP 4. Couple Choice 75 lbs. wool slaughter lambs at 76.00 and 79.00.

Omaha Weekly

Thursday, December 20, 1984
Report Supplied by USDA

Slaughter steers and heifers ended the trading period through midweek 50-1.00 lower when compared to last week. Declining dressed beef prices and slackened demand this pre-holiday session the dampening factors for the declines. Slaughter cows and bulls steady.

Estimated 5 day receipts 9,000; actuals last week 9,377 and 13,486 last year. Steers comprised 39 percent of the week's receipts, heifers 45 percent, cows 10 percent and feeders 4 percent.

SLAUGHTER STEERS: Closing sales scattered loads and lots choice 2-4 1050-1300 lbs. 65.50-67.00, package near 1400 lbs. 67.50. Mixed good and choice 2-3 1000-1150 lbs. 63.00-65.50. Good 62.00-63.00.

SLAUGHTER HEIFERS: Closing sales scattered loads and lots choice 2-4 950-1150 lbs. 64.50-65.75. Mixed good and choice 2-3 900-1025 lbs. 62.00-64.50. Good 58.00-62.00.

Average of LS 214 detailed quotations for choice 900-1100 lb. steers 65.15, 1100-1300 lbs. 66.65. Average cost slaughter steers this week 65.24, average weight 1159 lbs. as compared to 66.20 and 1163 lbs. last week. Average cost slaughter heifers this week 64.13, average weight 1040 lbs. as compared to 64.88 and 1047 lbs last week.

SLAUGHTER COWS: Few breaking utility and commercial 2-3 36.50-37.75, cutter and boning utility 1-2 33.00-37.25. Canner and low cutter 30.00-33.00, few 'shelly' canner to 27.00.

SLAUGHTER BULLS: 1-2 1350-1840 lbs. 41.50-46.00.

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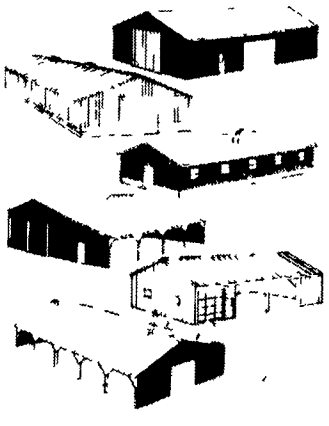

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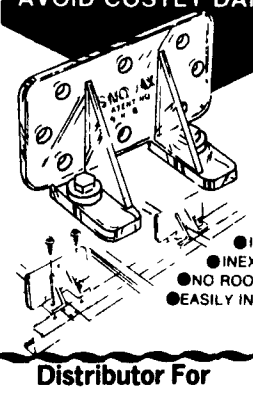

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Chambersburg Livestock

Chambersburg, Pa.
Thursday, Dec. 20
Report supplied by PDA

CATTLE: 317. Compared with last week's market: slaughter cows .50-1.00 higher. Sl. steers: few Good 55.00-62.75, few Standard 44.50-51.75. Sl. heifers: few Standard & Good 44.75-52.00. Sl. cows: Breaking Utility & Commercial 33.75-41.60, Cutter & Boning Utility 35.00-38.75, Canner & low Cutter 31.50-35,50. Sl. bulls: Few Yield Grade 1 1120-1865 lbs. 44.75-54.00.

FEEDER CATTLE: 406. Few Choice 75.00-88.00, Good 59.00-74.00, few Standard & Good 110-120 lbs. 54.00-57.00, 70-105 lbs. 45.00-55.00.

FARM CALVES: Hol. bulls 90-125 lbs. 52.00-90.00; hol. heifers few 90-130 lbs. 50.00-60.00.

HOGS: 96. Few 1-2 215-220 lbs. 49.85-53.35, few 1-3 205-260 lbs. 49.10-50.10; Sows few 1-3 400-560 lbs. 35.00-41.50.

FEEDER PIGS: 43. 30-40 lbs. 31.00-36.50 per head.

SHEEP: 20. Good & Choice 65-90 lbs. 53.50-59.50.

East Coast Carlot

Wednesday, December 19
Report supplied by USDA

Compared to Tuesday's close: Prime Special Fed Veal slow, steady. Light supplies of Good and Choice Boning Veal finding good demand, sales 6.00 higher; in-shipped untested. Choice and Prime Lamb not tested, generally steady undertone. Compared to last week, Boneless Beef steady to firm.

Veal Beef
Prime (Special Fed)
Hide On 90 Head
220-280 lbs. LTD 150.00, steady.
Good & Choice
Boning Type
Hide On
NORTHEASTERN SUPPLIERS: 65-75 lbs. 84.00, few 86.00, 6.00 higher; 55-64 lbs. 82.00, few 84.00; 45-54 lbs. 80.00, few 82.00; 35-44 lbs. 78.00, few 80.00; 34 lbs. down 76.00, few 78.00.
INSHIPPED: No test.
Boneless Beef
3 Loads
(US & Canadian Origin)
Compared to last week: 90% Chem Lean, Fresh 104.00, steady-firm.

North Jersey Livestock

Hackettstown, NJ
Tuesday, December 18
Report supplied by auction

Calves- 18.00-95.00.
Cows- 12.00-42.25.
Easy Cows- 20.00-35.50.
Heifers- 23.50-55.00.
Bulls- 21.50-50.75.
Steers- 37.00-68.00.
Hogs- 34.00-51.00.
Roasting Pigs, each- 5.00-43.00.
Kids- 15.00-48.00.
Boars- 38.00.
Sows- 35.00.
Sheep- 10.00-40.00.
Lambs, each- 15.00-62.00.
Lambs, per lb.- 37.00-70.00.
Goats, each- 15.00-78.00.
Hides- 2.00-20.00.
Total- 1677.

HACKETTSTOWN POULTRY & EGG

Hackettstown, N.J.
Tuesday, Dec. 18, 1984
Report Supplied by Auction

Heavy Fowl: .5-.55.
Leghorn Fowl: .10.
Bantams: .10-1.00.
Roasters: .50-.95.
Pullets: .50-.70.
Roosters: .50-.70.
Turkey Hens: 1.00.
Geese: .20-.45.
Ducks: .25-.95.
Rabbits: .10-1.45.
Pigeons: 1.00-1.35.
Guineas: 1.60-1.70.

Eggs

Grade A: White Jumbo X Lge. .60-.85, Brown .76-.90.
Grade A: White Large .47-.68, Brown .70-.83.
Grade A: White Medium .44-.63, Brown .61-.72.
Grade A: White Small .37-.43, Brown .45.

Valley Livestock

Athens, Pa.
Monday, December 17
Report supplied by auction

Holstein Hfr. Calves 50.00-71.00.
Veal Calves 60.00-78.00.
Vealer Bull Calves 60.00-78.00.
Slaughter Calves 45.00-52.00.
Grassers & Feeders 34.00-45.00.
Lambs 58.00-78.00.
Sheep 15.00-27.00.
Hogs, 200 to 250 45.00-50.50.
Sows 32.00-39.50.
Boars 25.00-32.50.
Pigs 15.00-29.50.
Heifers 40.00-51.00.
Steers 42.00-51.75.
Steers, feeder 36.00-50.00.
Bulls 39.00-48.75.
Cows, utility 34.50-37.00, top 39.50.
Cows, fat 35.00-38.00.
Cows, medium 32.50-34.50.
Cows, poor or small 25.00-31.00.
Cattle Market steady.
Calf Market steady.
Horses 1 small 150.00.
Ponies 40.00-70.00.
Goats 15.00-50.00.
Remarks: Lamb market real high, sale Xmas week will be on Wed. Dec. 26 at 3 p.m.

Weekly Summary

Harrisburg, Pa.
Friday, Dec. 21
16 Livestock Mkts.
Report supplied by PDA

CATTLE: 6074. Compared with 4711 head last week, and 5595 head a year ago. Compared with last week's market: Sl. steers & sl. heifers steady to 1.00 lower; Sl. cows unevenly steady; Sl. bulls steady to weak. Sl. steers: few High Choice & Prime 68.00-70.00, Choice 64.00-70.50, Good 56.00-64.00, Standard 46.00-56.00. Sl. heifers: Choice 59.00-64.50, Good 52.00-60.00, Standard 42.00-52.00. Sl. cows: Breaking Utility & Commercial 35.50-41.60, Cutter & Boning Utility 33.50-38.00, Canner & low Cutter 28.00-35.00, Shells down to 15.00. Sl. bullocks: few Choice 59.00-62.50. Sl. bulls: Yield Grade 1 1100-2100 lbs. 44.00-52.50; Yield Grade 2 900-1400 lbs. 38.00-47.00.

FEEDER CATTLE: Steers, Large & Medium Frame 1 350-700 lbs. 45.00-58.00; few Medium Frame 2 300-700 lbs. 38.00-47.00; Feeder Heifers, Large & Medium Frame 1 325-750 lbs. 38.00-52.00; Medium Frame 2 300-650 lbs. 30.00-40.00; Feeder Bulls, Large & Medium Frame 1 350-700 lbs. 48.00-57.00.

CALVES: 4551. Compared with 4258 head last week, and 4111 head a year ago. Steady to 2.00 higher. Few Prime 97.00-115.00, Choice 75.00-98.00, Good 60.00-85.00, few Standard & Good 110-130 lbs. 52.00-57.00, 90-110 lbs. 41.00-52.00, 70-90 lbs. 34.00-45.00; Utility 50-100 lbs. 20.00-35.00.

FARM CALVES: Hol. bulls 90-130 lbs. 60.00-90.00; few Hol. heifers 90-125 lbs. 50.00-74.00.

HOGS: 6784. Compared with 6411 head last week, and 8868 head a year ago. Steady to 1.50 lower. US 1-2 200-250 lbs. 50.00-53.00, 1-3 200-265 lbs. 49.00-51.50, few 2-3 230-275 lbs. 44.00-46.00. Lightweights 1-3 150-190 lbs. 39.00-46.00; Sows steady to weak. US 1-3 300-700 lbs. 37.00-44.00. Boars 27.50-36.00.

FEEDER PIGS: 1468. Compared with 968 head last week, and 1273 head a year ago. Steady to strong. US 1-3 20-35 lbs. 15.00-34.00 per head, 35-55 lbs. 27.00-49.50.

SHEEP: 3009. Compared with 1605 head a year ago, and 2083 head a year ago. Wooled sl. lambs unevenly steady. High Choice & Prime 75-100 lbs. 63.00-70.00; Choice 65-100 lbs. 59.00-66.00; Good 50-100 lbs. 52.00-62.00. Sl. ewes 10.00-31.00. New crop lambs for the Christmas market: Choice 25-35 lbs. 158.00-188.00, 35-45 lbs. 125.00-150.00; Good 25-40 lbs. 85.00-125.00.

3 GRADED FEEDER PIG SALES: 2455. Compared with 2362 head last week, and 2040 head a year ago. Feeder pigs mostly weak to 10.00 lower. US 1-2 20-25 lbs. 134.00-136.00, 30-40 lbs. 96.00-124.00, 40-50 lbs. 84.00-108.00, 50-60 lbs. 76.00-97.00, 60-80 lbs. 72.00-83.00, US 2-3 25-35 lbs. 105.00-108.00, 35-45 lbs. 76.00-95.00, 45-55 lbs. 71.00-89.00.

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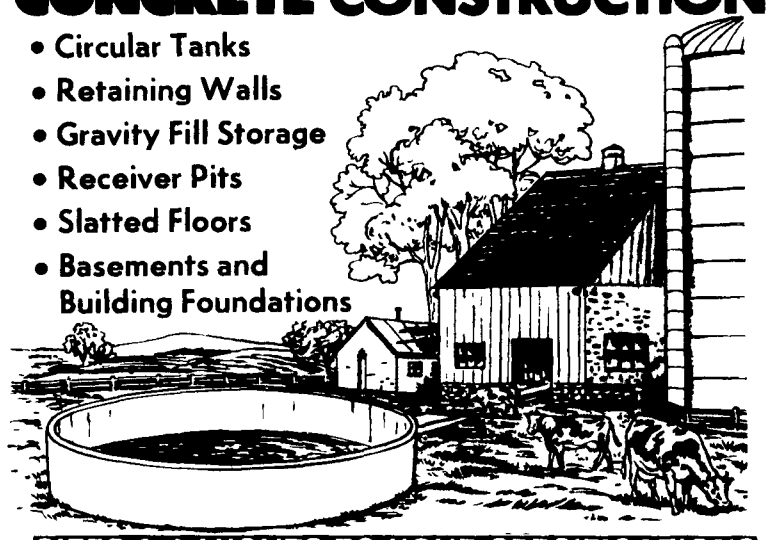

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...and Please, Oh LORD, Let there be Peace on Earth

Wolgemuth Bros., Inc.

Mount Joy, Pa.

Indiana Livestock

Homer City, Pa.
Thursday, Dec. 20
Report supplied by PDA

CATTLE: Compared with last week's market: Sl. steers .50-1.00 lower. Sl. cows: fully steady. Sl. steers: Choice 59.50-65.00, Good 56.00-60.00, Standard 50.00-55.00. Sl. heifers: few Choice 60.00-61.00, Good 53.00-55.50, Standard 43.00-51.00. Sl. cows: Breaking Utility & Commercial 36.00-40.00, Cutter & Boning Utility 34.00-37.00, Canner & low Cutter 29.00-34.50. Sl. bulls: Yield Grade 1 1300-1800 lbs. 44.00-47.00; few Yield Grade 2 1000-1400 lbs. 39.00-42.50.

FEEDER CATTLE: Steers, few Medium Frame 1 400-600 lbs. 48.00-54.00; heifers, few Medium Frame 1 380-650 lbs. 44.00-50.00, few Large Frame 2 500-650 lbs. 38.00-42.00.

CALVES: 179. Few Choice 77.00-80.00, few Good 62.00-73.00, Standard & Good 90-120 lbs. 44.00-52.00, 60-85 lbs. 37.00-46.00, few Utility 50-100 lbs. 22.00-35.00; hol. bulls 90-125 lbs. 60.00-80.00.

HOGS: 272. 1.00-1.50 lower. US 1-2 200-250 lbs. 50.00-51.50; 1-3 200-245 lbs. 49.50-50.25; Sows 1-3 300-550 lbs. 40.00-43.00, 2-3 350-600 lbs. 39.00-40.50; Boars 27.00-29.50.

FEEDER PIGS: 27. 50-70 lbs. 31.00-37.00 per head.

SHEEP: 45. Few Choice 70-85 lbs. 60.00-60.50; Good 70-85 lbs. 55.00-58.00. Sl. sheep 15.00-20.00.

Nov. lamb prices strong, dip slightly at end

DENVER — Wholesale lamb prices continued strong for most of November—hitting a record-breaking 16 weeks at $1.35 per pound. But the last week of the month, a slight price spread developed, with a nickel discount for heavyweight carcasses.

Most of the lambs going to market at this time of year are fed lambs, and due to ideal lamb feeding weather in most of the country, lambs gained quicker than usual. This led to bunching, and packers were unable to keep up with the supply. Many lambs had to remain on feed, throwing them into the heavyweight category. This overabundance of heavyweights was more than the market could bear, and East Coast wholesalers dropped their prices to $1.30 per pound for carcasses weighing 65 pouinds and up. Prices for carcasses weighing less than 65 pounds remained stable at $1.35 per pound.

On the West Coast, prices started the month strong, weakened at mid-month, then returned to levels comparable to last year's prices. Live lamb prices held steady for most of November, and prices took off for feeder lambs as they became scarcer.

Middlemeats continue to be in demand, with loins and racks topping $4 per pound in some areas of the country. Because of low prices for chucks and legs, some retailers featured front and hindquarter meat this month.

Reports from the Imperial Valley of California and Arizona indicate 20,000 fewer lambs are on feed there than usual, despite good pasture conditions. Other reports indicate that fewer lambs are on feed this year in the Midwest, while more are on feed in Colorado, Wyoming, Nebraska, Kansas and Texas.

The wool market was quiet for most of November. Due to the strength of the dollar, imported finished products are able to enter the country at prices well below that which American mills can produce. Thus, U.S. mills have had a hard time generating new business, but sales of top improved by the end of the month.

A few loads of fleece wool sold for $1.40 per pound clean delivered to the mill. One clip out of Idaho sold with whiteface staple length 58's going for $.90, whiteface lambs wool for $.80, blackface lambs wool and aged ewe wool for $.65. Another clip from Idaho sold for $.8186, which was staple and French combing 54's with some 56's.

Shearing season is underway in the Imperial Valley. About 170,000 pounds of lambs wool were sold were blackface 58/60's bringing $.685 to $.71, and whiteface 60/62's bringing $.80 to $.81. About 55,000 pounds of mixed grade lambs wool from Northern Colorado feedlots moved at $.68.

The biggest news from the wool market was the $1 million sale of choice South Dakota, Montana and Wyoming wool for export to Mexico. The wool included 19 to 22 micron matchings which were skirted and bellies removed at the shearing pens.

Check coastal zone requirements

NEWARK, Del. — Rural community leaders and state officials should be aware of their responsibilities when using funds from community development block grants (CDBG) or urban development action grants (UDAG) in a coastal zone area. According to University of Delaware extension community resource development specialist Daniel S. Kuennan, local projects involving either type of grant must comply with their state's coastal zone management plan.

"It's important for public officials to know whether a project is covered by this plan, since in that case it must be reviewed by the appropriate state officials," the specialist says.

If the project is in a coastal state with an approved coastal zone management plan and impacts on the coastal area, the proposal must be submitted to the state coastal zone management director and a determination made as to whether the proposed actions are consistent with the state's plan.

"This is one of the responsibilities which the federal Department of Housing and Urban Development (HUD) passes along to rural communities which accept CDBG or UDAG funding," Kuennan explains. "A community cannot submit a request for release of funds for either program until it has received approval from its state's coastal zone management program."

Coastal waters, adjacent shorelands, land-ocean areas, salt marshes, wetlands and beaches are all covered areas.

"Local officials can usually breathe one short sigh of relief, since certain CDBG or UDAG activities are 'categorically excluded' from the National Environmental Policy Act (NEPA)," the resource development specialist says.

Exclusion from the NEPA requirements does not mean automatic exclusion from coastal zone requirements, however. "Unfortunately," says Kuennen, "there has been some confusion about these two distinct sets of regulations.

Although local coastal zone management plans vary from state to state, they generally address development and environmental issues. And by law, HUD cannot release funds for a community's CDBG or UDAG projects if these are inconsistent with a state's coastal zone plan.

Japanese fungus may fight U.S. gypsy moth

WASHINGTON — A fungus that destroys gypsy moths in Japan may be field-tested against the pests' tree-damaging American cousins next spring, a U.S. Department of Agriculture scientist said today.

"The fungus is a potent parasitic killer of gypsy moths in its Honshu Island homeland," said Richard S. Soper Jr., an insect pathologist for USDA's Agricultural Research Service and leader of the fungus research team.

The fungus — Entomophaga aulicae — is known to attack only gypsy moth larvae, Soper said. But before USDA uses it to fight these destructive pests, he said, thorough laboratory and field experiments must be conducted to ensure it will not harm beneficial insects.

"Early 20th century Japanese scientists first reported on the fungus and how it controls gypsy moths, but it was impossible to isolate living specimens and maintain them," he said. "For example, a New England entomologist collected specimens in 1908, but was unable to propagate them."

Soper said today's biochemical technology enables scientists to keep strains of the fungus alive while they are shipped to this country for research.

In Japan last spring, Soper searched for dead gypsy moths and isolated from them four living strains of the fungus. The strains are now thriving in his laboratory at the Boyce Thompson Institute at Cornell University, Ithaca, N.Y.

Soper injected spores from his collected specimens into native gypsy moths and got a kill rate of over 90 percent under laboratory conditions. A USDA rearing facility in Otis, Mass., supplied the gypsy moths.

The fungus lies dormant in the soil most of its life, Soper said. After the fungus becomes active, it releases tiny spores that land on the gypsy moth larva's body. The spores then germinate and bore into their host to feed and grow, eventually killing it.

"In Japan, the fungus sweeps through gypsy moths like a disease epidemic until the moth population simply collapses," he said.

Recently, entomologist Mitsuaki Shimazu of the Forest and Forest Products Institute, Tsukuba, Japan, joined Soper for biological studies aimed at determining the conditions under which the imported fungus would thrive in U.S. forests. The scientists are using growth chambers programmed with environmental conditions that approximate those of Pennsylvania, New York and the New England states where gypsy moths are particularly destructive.

According to Soper, the fungus might someday be used as a microbial insecticide against gypsy moths:

"The fungi would be raised in deep-tank fermentation," he said. "Then they would be harvested, and their threadlike structures — called mycelia — would be ground into a wettable powder for spraying over moth-infested forests. As the powder regained moisture, it would produce the spores that attack the pest."

Technology already exists for producing microbial insecticides against such pests as spruce budworms and leafhoppers, he said.

Cornell studies revitalization of Adirondack hamlets

ITHACA, N.Y. - Bypassed technology and frozen in time, communities in New York State's majestic Adirondack region face such a severe economic slump that it will take major planning and investment to revitalize the area, according to a new studey directed by a Cornell University researcher.

Equal in size to Vermont, the six-million-acre Adirondack Park, as the region is called, is the largest park in the continental United States and the biggest wilderness area east of the Mississippi River. About 40 percent of the land remains a "forever wilderness" forest preserve.

Nestled high in this alpine region are 135 hamlets with a combined population of about 125,000. The "forever wild" land of the Park has been safeguarded since before the turn of the century, but what has gone unattended is planning for the future of the settled areas of the Park. At stake, in fact, is the very survival of the residents in the region.

"The majority of the Adirondack communities are either too small, too poor, or too disorganized that they alone cannot do much about their dilemma," says Roger T. Trancik, a landscape architecture professor and specialist in urban design and environmental planning in the New York State College of Agriculture and Life Sciences at Cornell. Trancik headed the study group.

Now in the final stage, the Adirondack study is a joint effort of Cornell and four Adirondack counties--Clinton, Essex, Hamilton, and St. Lawrence. Supported by the Adirondack Park Agency and the New York State Council of Arts, the project is a master plan for the future of settlements in the Adirondacks and is one of the most comprehensive studies of the park undertaken to date.

In Trancik's view, the problems confronting the Adirondack residents and the challenges ahead to better their conditions are enormous. The study points out that many communities lack the ability to deal with the complexities of development planning. Compounding the situation are unstable local economies, below poverty income levels, and chronic high unemployment, among other factors.

Based on a multitude of issues and problems facing the Adirondack communities, the study team is developing wide-ranging planning and investment strategies geared to generate economic development opportunities for all the hamlets in the region.

Among steps considered vital for revitalizing the hamlets, as spelled out in the study, are:

-Waterfront revitalization. Waterfronts are a critical resource in most Adirondack hamlets, yet these communities have not taken full advantage of this resource as an "open space amenity" for attracting investment. Steps should be taken to improve the economic value and utilization of waterfronts as well as their visual and physical quality. Such waterfront revitalization programs should include development of river trails, water power, beaches, commercial marinas, and waterfront parks.

-Recreation and tourism. Based on the region's natural, cultural, and historic resources, recreation and tourism are the backbone of the Adirondack economy. Efforts to promote tourism should be stepped up. More tourist centers at the gateways of the Park could substantially increase year-round tourist activity. The strategic location of such centers could be the cornerstone for the revitalization of selected hamlets within the region.

-Industrial development. The study calls for expansion of wood products beyond the primary processing of timber into lumber, luring into the region a range of small-scale manufacturing companies as well as research and development (R&D) facilities, establishment of agriculture and food processing facilities, encouragement of the handicraft industry, relocation of more state government facilities into the area, introduction of data processing facilities, and development of privately-owned seasonal homes.

-Historic resources. Many structures and sites in the Adirondack Park are historic resources, which take many forms, including buildings, sites, landscapes, districts, or waterways. Preservation of such resources is the key to the redevelopment strategies for the hamlets. A creative method of marketing a community's historical resources is essential for attracting more visitors to the region.

-Infill sites. "Infill development" means the renovation and reuse of older existing structures in hamlets. Infill sites exist in the form of vacant lots along or near a main street, or large areas within residential neighborhoods. Some of the development opportunities involve single lot development, renovation of vacant buildings, and development of land areas.

-Public spaces. Attractive public spaces in a hamlet enhance local community pride that provides an incentive for residents to improve and maintain their properties. A hamlet with an attractive environment is much more marketable to prospective industrial developers. Improving public spaces represents one of several strategies for attracting investment and reversing the tide of economic decline in the region.

- Water and sewer systems. A hamlet's economic vitality and growth capability are, in part, dependent on the ability of the hamlet to provide an adequate supply of high quality water. Over the next 10 years, three-fourths of the public water supply systems in the Adirondacks will have to undergo a major overhaul. Meanwhile, many hamlets lack modern sewage systems; construction of small decentralized wastewater systems is encouraged.

Commenting on these planning and economic development strategies as suggested in the study, Cornell's Trancik says: "Each village and hamlet in the Adirondack Park is unique physically and culturally, but common problems and opportunities exist among many hamlets that could be shared."

The objective of the planning approach for the region is to strike a balance between economic development and environmental preservation, Trancik points out. The ultimate goal is to encourage investment in the settlements of the area by people inside and outside of the region.

Initiated a year ago, the Adirondack study has resulted in a publication titled **Hamlets of the Adirondacks,** a descriptive survey and analysis of 135 hamlets in the region. A companion publication, **Hamlets of the Adirondacks II,** which discusses specific planning, marketing, and investment strategies for the hamlets, will be available in early 1985.

Dairy management workshops by Cornell professors

ITHACA, NY – A group of animal scientists from Cornell University will brave the snow and frigid weather in January to bring farmers up to date on state-of-the-art dairy production and management techniques.

To accomplish the task, seven dairy specialists from the New York State College of Agriculture and Life Sciences at Cornell will travel to Oneonta, Latham, Syracuse, and Jamestown to offer a two-day "crash" course in each location on dairy management for farmers.

The "1985 Winder Dairy Management Schools," which start January 7, will focus on the latest Cornell research-based recommendations on dairy management. Lectures will center on feeding, dairy herd improvement (DHI) and business management, reproduction, housing and milking management, and breeding and genetics.

The Cornell professors on the team who will expound on these subjects and field questions from participants are Charles J. Sniffen, Larry E. Chase, Terry R. Smith, R. David Smith, William G. Merrill, David M. Galton, E. John Pollak, and Robert W. Everett, all in Cornell's department of animal science – the sponsor of the events.

Open to all dairy farmers throughout New York State, the 1985 Winter Dairy Management Schools will take place on the following dates:

January 7-8 – Oneonta (Holiday Inn, Route 23).

January 9-10 – Latham (Albany Airport Holiday Inn, U.S. Route 9).

January 21-22 – Syracuse (Holiday Inn, Fairgrounds area, Thruway Exit 39).

January 23-24 – Jamestown (Holiday Inn, West 4th Street).

Similar regional schools were staged by Cornell for the first time last January on a trial run. Encouraged by the initial results, Cornell has decided to hit the road again, according to Professor Everett, the program chairman for the school.

Along with Wisconsin and California, New York is among the nation's top three dairying states. Its dairy industry is the backbone of the state's agricultural industry that now approaches the $3 billion mark in annual gross farm income.

For more information about registration and the program for the January schools, contact Robert Everett, B22 Morrison Hall, Cornell University, Ithaca, NY 14853, or call (607) 256-4416.

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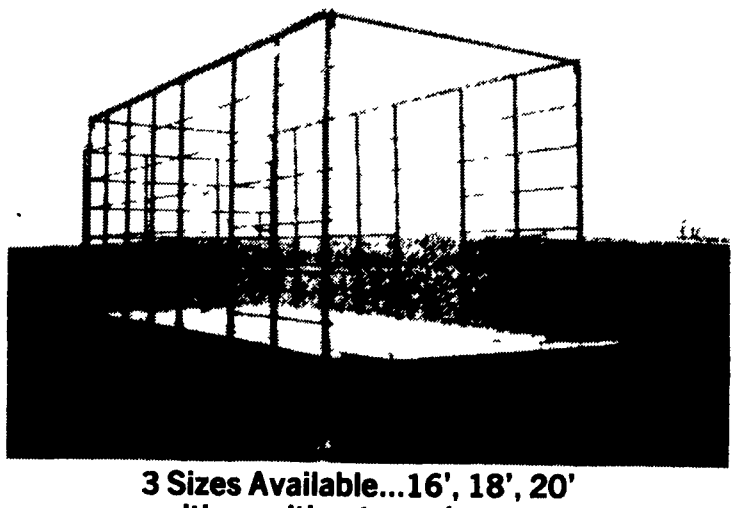

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PFU holding membership drive

HARRISBURG – M. James Brown, President of the Pennsylvania Farmers Union, announced that Farmers Union plans to add over 500 new members by the end of January, 1985. Brown said, "Membership recruitment and involvement will be crucial as we work to draft a 1985 Farm Bill."

This general farm organization was founded in 1902. Though it started in Texas, its strength has since grown through the Midwest and as far east as Pennsylvania. There are now thirty states affiliated with this grass-roots organization, with a long history of successful advocacy on behalf of the family farm. Some of Farmers Union's accomplishments include:

* The promotion of farmer-elected officials to administer farm programs,
* The establishment of the Rural Electric Association to bring electricity to farmers and rural communities,
* The establishment of the Rural Telephone program as a part of REA,
* The promotion of the National School Lunch Program.
* The advocacy of Congress to tighten laws on tax shelter farming.
* The promotion of an exclusion from OSHA regulations for farmers with fewer than ten employees.
* Cooperation with the dairy industry to fight the removal of reconstituted milk from pricing under the milk market orders,
* The pressuring of Congress to defeat the coal slurry pipeline bill.

Brown stated that the Pennsylvania Farmers Union is very active in its support for Pennsylvania agriculture. He pointed out that the state organization was instrumental in the development of a Milk Security Fund to protect dairymen in cases of dealer bankruptcies. The Pennsylvania Farmers Union also provided testimony that helped keep the Milk Marketing Board alive and maintained minimum pricing for milk. He also cited the group's lobbying efforts toward responsible oil and gas legislation and tax assessment exclusions for grain bins and corn cribs.

"The Pennsylvania Farmers Union supports agriculture by the local, state and national levels, with all activities guided by policies from our membership. That makes us worth the small membership fee," Brown said. Farmers throughout the state will be called on to join the group during December and January in an effort to build support for a fair Farm Bill in 1985.

N.Y., N.J. milk $13.91 for November

NEW YORK – Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during November will be paid on the basis of a uniform price of $13.91 per hundredweight. Market Administrator Thomas A. Wilson also stated that the price was $13.83 in October and $13.63 in November 1983. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned $2,552,665.72 (including $575,293.63 interest) to the dairy farmers' uniform price for November, or $.298 per hundredweight. The fund was generated by reducing the uniform price paid to producers during the high-production spring months.

A total of 16,751 dairy farmers supplied the New York-New Jersey Milk Marketing area with 856,208,591 pounds of milk during November. This was a decrease of 4.3 percent (about 39 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $123,037,650.53. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 395,939,165 pounds of milk for Class I, 46.2 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks. For November, handlers paid $14.89 per hundredweight for Class I milk compared with $14.73 a year ago.

The balance (460,269,426 pounds or 53.8 percent) was used to manufacture Class II products including butter, cheese, ice cream, and yogurt. Handlers paid $12.78 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For November 1984, there was a price differential of 18.2 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 milk zone from New York City.

Milk production down

HARRISBURG – Pennsylvania's November 1984 milk production totaled 753 million pounds, four percent below last year's production, according to the Pennsylvania Crop and Livestock Reporting Service.

The number of milk cows in the commonwealth during November averaged 735,000 head, 9,000 less than a year ago. Milk production per cow averaged 1,025 pounds in November, down 30 pounds per cow from a year ago.

U.S. milk production during November totaled 10.6 million pounds, also four percent less than in November 1983. Total milk cows in the United States averaged 10.8 million head, three percent less than in November 1983. Production per cow averaged 974 pounds, 11 pounds less than a year earlier.

TANKS TANKS TANKS

Do you know your dairy P's and Q's?

"P"eak milk yields, "Q"uality forage are meeting topics

BY WENDY WEHR

LANCASTER — "Dairying is not just a way of life now, it's a business," said Pennfield vice-president Ray Lehr in his opening remarks at the Pennfield dairy management meeting. And attendance at the Tuesday meeting in Lancaster showed that many area farmers are well aware of the need to run an efficient dairy business.

A crowd of local dairymen nearly filled the Farm and Home Center auditorium to take in the latest findings on forages and dairy nutrition. Dr. John Baylor, former Penn State professor of agronomy extension, spoke about alfalfa quality, yields and harvesting, while Dr. Brian Perkins, manager of dairy and livestock nutrition at Pennfield, addressed the topics of managing for peak milk production and energy utilization in the dairy cow.

Alfalfa, "Queen of Forages"

Dr. Baylor began his morning presentation with a discussion of alfalfa economics. He reminded the dairymen not to scrimp when it comes to purchasing seed. While cost of seed may be about one third of the cost of establishing the stand of alfalfa, over the life of the stand seed costs are much less significant.

When annual production costs are prorated over the life of the stand, said Baylor, seed costs are only 3.5 percent of the total.

"You must choose varieties that have the potential to perform for you," continued Baylor. He particularly stressed the need to select varieties with multi-pest resistance.

Don't let anyone tell you that their variety is completely, 100 percent, resistant to disease, he cautioned as he described how varieties are labeled. A seed that is 51 percent or more resistant to a disease can be labeled "high resistance.

"High yields start with good stands," emphasized Baylor throughout his talk. Soil tests are a must, and proper seeding techniques are equally valuable.

"I like to see a little grass in the mixture, if it's feasible for you," said Baylor. And as questions arose about the use of perennial rye grass, he added that the quality of rye grass, which is most nutritious and palatable, is unsurpassed among the grasses.

Achieving good stands of alfalfa also depends on weed control at or before establishment and insect control during the establishment year. More than once during his morning slide presentation Baylor encouraged the dairy farmers to refer to the valuable information in the Penn State Agronomy guide.

Quality Forage, Not Roughage

In the afternoon, Dr. Baylor focused on managing established stands and harvesting alfalfa. Fertilizing is a must for top yields, but Baylor cautioned that Lancaster County farmers in particular must be careful with their fertility program because of the high levels of phosphate and potash in the soil.

Harvesting on time is also crucial. "As yield goes up, quality goes down, so you have to find the compromise," outlined Baylor. The compromise is to obtain a high yield of high quality forage that the cows will consume.

Harvest alfalfa in the bud stage, reminded Baylor. "The stage of maturity is still the most important single factor in quality."

A good stand of alfalfa requires total seasonal management, he remarked as he outlined proper weed control in the summer, fall, spring, and corn phase of the rotation.

In terms of alfalfa harvest, Baylor clearly favored the use of hay crop silage. "Hay crop silage should be an integral part of every dairy farm," he stated, continuing with statistics from the Pa. Alfalfa Growers' Program. All of the top ten finalists in this year's contest put at least their first and second cuttings in the silo, and a majority made hay crop silage from all four cuttings.

He also revealed some suggestions for proper harvest and storage, such as wilting down to 65 percent moisture, using a covered wagon, filling silo rapidly, and eliminating air in the silo.

And with regard to silage additives, Baylor commented that "if you do everything else right, there is some question that the additive is needed." If you do something wrong, maybe the silage additives have some value.

Peak Milk Yields

While Dr. Baylor delved into growing and harvesting a quality forage, Dr. Brian Perkins shared information about using that forage and other feeds for the cows' benefit. His morning slide presentation described managing for peak milk yields.

It's well-known, Perkins stated, that for every additional pound of milk at her peak, you can count on 205 pounds extra on the cow's total lactation.

Managing for peak milk yields begins with the dry cow program. Length of the dry period should be determined by the age of the cow, her calving interval, and her milk production late in the lactation.

Drying her off, said Perkins, requires a change in her feeding program. The dry cow's diet must include lots of fiber, to keep her rumen full and working, but should be low energy and maintain a mineral balance. Less than 100 grams of calcium is required for the dry cow.

Perkins described what he considers to be a dangerous feeding program — 15 lbs. of alfalfa hay and 20 lbs. of corn silage — which gives the dry cow far too much calcium, and leaves her more susceptible to milk fever.

"Substitute grass hay for alfalfa," he emphasized, and that will bring the calcium level more in line with her needs. A cow that freshens with milk fever is more likely to have calving problems, retain her placenta, and come down with metritis and mastitis.

Other steps in managing for peak milk yields are establishing a pre-freshening group and providing proper calving conditions. You can introduce new feeds to the cow's rumen prior to her freshening, but calcium intake should still be kept low, he said.

Once she freshens, appetite is the key. "If you can get her to eat, you can get her to milk." remarked Perkins. A decreased appetite leads to a negative energy balance, a delayed first heat, and the possibility of fatty liver.

To bring her up gradually on feed, Perkins recommended six to eight pounds of dairy feed as a springer, increased to 10 to 12 pounds at freshening. Then increase by ¾ to 1½ pounds per day. These last figures are very general, he added, because it's most important to use common sense.

"Become a better "cow person" so you can identify potential problems," Perkins concluded. This along with a good dry cow program and proper care around calving are keys to improving peak milk yields.

From left are Dr. John Baylor, professor emeritus of agronomy extension, Penn State; Dr. Brian Perkins, manager of dairy and livestock nutrition, Pennfield; and Don Mahlandt, manager of dairy and hog feed sales, Pennfield. All spoke at the Pennfield dairy management meeting in Lancaster on Tuesday.

Energy Utilization

"More rations are out of balance for energy than for anything else," began Perkins in his afternoon session on energy utilization. The cow needs energy for maintenance, growth, reproduction, and lactation.

Part of the confusion about energy centers around measuring and reporting it. If you or someone you're working with simply measures energy as TDN, said Perkins, that's behind the times. What you really need to know is Net Energy for Lactation.

Twenty-five percent of the total energy she eats is available to make milk, he stated. That energy for lactation is used for synthesis of milk, as sugar in the milk, and as fat in the milk.

When a cow suffers from ketosis, Perkins explained, she has a high demand for milk sugar, which is remedied by a drop in her blood glucose, which then causes her body fat to be mobilized, increasing the ketones in the blood.

Preventing ketosis, he reminded the farmers, can be accomplished by maximizing feed intake — which means having a sound dry cow program and practicing the "art of feeding" — and by increasing the energy content of the ration. To do this he recommended feeding high-quality forages and using fat-added feeds.

At the conclusion of Dr. Perkins' and Dr. Baylor's sessions, the dairy farmers took advantage of opportunities to ask numerous questions. In addition, Don Mahlandt, manager of dairy and hog feed sales for Pennfield, took some time to review some dairy profit analysis figures with the dairymen.

In comparing income over feed costs for a 14,000 lb. herd to those of a 20,000 lb. herd, he showed a substantial economic advantage for the dairyman who manages an 18,000 or 20,000 lb. herd.

In addition, he reminded the farmers that they need to pay increased attention to heifers. No longer, he said, can a dairyman only expect 12,000 lbs. from a heifer and still maintain a 18,000 lb. herd average.

The Pennfield dairy management meeting held in Lancaster on Tuesday was one of three offered this week to dairymen in different regions of the state.

PPF donates turkeys to Gov. and charity

HARRISBURG — The Pennsylvania Poultry Federation made its annual presentation of a holiday turkey to Governor and Mrs. Thornburgh on Tuesday in front of the Capitol Building. The event was the last of nine scheduled events for the Governor that day.

Richard Kendig, President of the Pennsylvania Turkey Council, made the presentation to the Governor. He was joined by Duane Koch, of Koch's Turkey Farm, Tamaqua, which is supplying the Governor's turkey and the live show turkey that will be present, a 35-pound mature bronze tom (male). Also on hand for the ceremony was John Hoffman, Executive Director of the Pennsylvania Poultry Federation and Penrose Hallowell, Pennsylvania's Secretary of Agriculture.

As in previous years, the Federation donated 50 Pennsylvania-grown turkeys to a charity chosen by the Thornburghs. This year's recipient is the Salvation Army of Harrisburg. Major Clyde McEwen, local administrator of the Salvation Army was also in attendance at the presentation ceremony. These turkeys were placed in holiday food baskets for distribution to the needy. Delivery of the turkeys to the Salvation Army took place on Thursday.

Although the production of Pennsylvania turkeys has dropped to 6.5 million annually, a three percent decrease from 1983 levels, the turkey industry remains one of the largest growing industries in Pennsylvania. The state currently ranks 11th in turkey production but, as recently as 1979, was not even on the list of the top thirty turkey producing states.

Two Pennsylvania-based turkey processing companies are among the top thirty in the country, based on estimated amount of liveweight processed annually. Round Hill Foods, New Oxford, places 19th on the list with an estimated 60-65 million pounds of live product processed in 1983, while Empire Kosher Foods, Mifflintown, places 29th with estimated processing of 20-25 million pounds of live turkey per year.

The top three turkey producing states are North Carolina, Minnesota, and California respectively. Together, these three states account for some 46% of the nation's annual turkey output.

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Graham dominates Juniata DHIA

MIFFLINTOWN — James C. Graham of Port Royal, owns the high DHIA herd in Juniata County for the 61st year of official testing. His 34 registered Holsteins produced 19,036 pounds of milk, 735 pounds of fat and 608 pounds of protein.

Four cows in Graham's herd also completed their lactations with more than 850 pounds of butterfat or 23,000 pounds of milk.

Four other dairymen had herds with year-end averages over 700 lbs. butterfat: Barry E. Lucas, Millerstown; Marvin E. Pontius, Millerstown; Mark L. Zook, Mifflin; and James L. Swartz, Port Royal.

Gerald Hart of Mifflintown had the greatest increase in butterfat production in Juniata County. He received a plaque for an increase of 75 pounds fat.

Also honored was Ronald Fauth for achieving the greatest increase in milk production of 1812 pounds. Herdsman for the Fauth herd, Earl Ocker, accepted the award plaque.

Seven herds exceeded 600 pounds of protein in the county: Marvin Pontius, James Swartz, Mark Zook, James Graham, Daryl and Delbert Brubaker, Barry Lucus, and Rick and Ralph Saner.

The highest individual cow for fat was owned by James H. Speer Jr. of Blairs Mills. Babs, a grade Holstein, completed her lactation with 1227 pounds fat and 26,035 pounds milk.

Herd owners with cows completing lactations with 1000 plus pounds of fat were: James Speer Jr., Norman Love, Marvin Pontius, Barry Lucas, Mark Zook, Larry and David Noss, William Peoples, Grand Hope Farm, Harold Shearer, and Glen Simonton.

The lowest somatic cell count herd was that of Keith Coddington, Port Royal, with a count of 125,000. Other herds under 200,000 count were Russell Dressler, Barry Lucas, Iskcon Farm, Glenn and Shirley Graham, S.F. Metz, and Leonard Queitzsch.

In the Juniata County DHIA, supervisor Harvey Fettig has completed 21 years of service, while qualifying for the award of merit during 17 of those years.

Fettig was also one of the three Pa. DHIA supervisors to earn the 1984 Distinguished Service Award. To further honor Fettig for receiving the award, the Juniata County directors presented him with a new spin-cast fishing reel, to complement his favorite hobby.

Order 4 milk $14.23 for November

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine today announced a November base milk price of $14.23 per hundredweight and an excess milk price of $12.70. The weighted average November price was $14.24 and the butterfat differential for the month was 18.2 cents. The weighted average milk price was up 20 cents from October and was 28 cents above last November's average price. Both the November base milk price and the weighted average price were at record-high levels. The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price is 10 cents a hundredweight in November, compared with 14 cents a year earlier.

Mr. Shine said that pooled milk receipts totaled 468.9 million pounds during November, a decrease of over 22 million pounds from a year earlier. The average daily delivery per producer of 2,337 pounds was down 17 pounds or 0.7 percent from November 1983. Class I producer milk totaled 249.1 million pounds and accounted for 53.14 percent of total producer milk receipts during the month. Last November Class I producer milk totaled 243.4 million pounds and the Class I utilization averaged 49.55 percent. Base milk accounted for 94.15 percent of total producer milk receipts in November compared with 92.34 percent a year ago. The market average butterfat test of producer was 3.74 percent in November 1984, down sharply from the 3.87 percent market test last November.

Middle Atlantic Order handlers reported Class I in-area milk sales of 207.1 million pounds during November, an increase of 0.3 percent from a year earlier, after adjustment to eliminate variation due to calendar composition.

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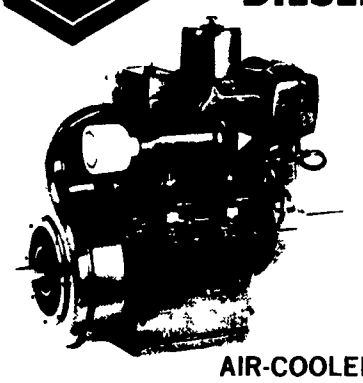

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Good bugs to fight bad ones in developing countries

ITHACA, NY — Safe, cost-effective alternatives to chemical pesticides can now be home-grown by subsistence farmers in developing countries, according to microbial control specialists at the Boyce Thompson Institute for Plant Research.

By lending a human hand to naturally occurring diseases that affect insect pests, farmers in cash-poor areas of Africa, Latin America, and Asia can save their crops by encouraging good "bugs" to fight the bad ones.

Techniques for discovering and mass-producing microbial enemies of harmful insects can also aid in the battle against the Colorado potato beetle, a veteran of the chemical pesticide wars in the U.S.

Microbial diseases — including those from bacteria, viruses, and fungi — control insects without harming plants or humans. The Boyce Thompson Institute advocates of biological control maintain that the effectiveness of such control comes without a disturbing after-effect of many synthetic chemical pesticides. BTI scientists claim that there is virtually no evidence of microbial pest control producing a hardier generation of insects from those that survive the treatments.

"This approach is particularly important in nations with balance-of-payment problems," says Donald W. Roberts, a BTI insect pathologist. "Unlike most chemical pesticides, the fungi can be produced with local materials and labor and with a minimum of capital equipment."

Roberts is the principal investigator in a collaborative research project between the U.S. Agency for International Development (AID) and the Brazilian National Rice and Bean Research Center. Concentrating on insects that affect cowpeas — a legume that is a major subsistence crop in poverty-stricken north and northeast Brazil — the program's researchers have discovered and tested more than 100 types of fungi that produce disease in the cowpea insect pests. One fungus that shows great promise is Erynia radicans, and the BTI researchers are demonstrating that the fungal preparation can be easily mass-produced for use in cowpea and bean farms in Brazil.

The BTI project is one of 18 in 10 institutions funded through the federal "Famine Prevention and Freedom from Hunger Act." The goal of the Bean-Cowpea Collaborative Research Support Program is to reduce hunger and malnutrition by production and utilization of two crops that can be grown in many areas of Africa and Latin America, beans (Phaseolus vulgaris) and cowpeas (Vigna ungiculata).

BTI's strategy is to foster controlled epizootics, or epidemics of disease in insect pests. Treatments of fungus preparations can be one part of a more comprehensive integrated pest management effort, the microbial control advocates believe.

Another collaborative research program at BTI, sponsored by AID and the International Rice Research Institute, is aimed at discovering and developing microbial enemies in the Philippines of the most important threat to Asian rice crops, the brown planthopper. This devastating insect is outwitting man's best efforts with chemical insecticides and resistant rice varieties, but is affected by several fungi, including Hirsutella citriformis and Metarhizium flavovidide. Because fungal diseases often occur too late to protect the rice crops, the BTI researchers want to apply treatments to rice fields earlier in the growth cycle. Preliminary tests of the fungi diseases on brown leafhopper populations in laboratory conditions are being termed "very promising."

The disease-producing fungus Metarhizium anisopliae was first introduced in Brazil in 1979 by BTI researchers, and is being tested in India, Sri Lanka, and the Philippines.

The same strategy is being directed against the Colorado potato beetle, an insecticide-tolerant pest in tomatoes, eggplant, and potatoes in the northeast U.S. Boyce Thompson Institute tests of the fungus Beauveria bassiana are showing the fungal preparation to be at least as effective in future generations.

A crude method of microbial control is already practiced in Brazil, where soybean farmers collect caterpillars naturally infected by an insect-specific virus, grind up the insects, and spread the preparation on the soybean fields.

"Awareness of microbial control is high and is improving in Brazil, so it is an appropriate location for our project," insect pathologist Roberts reports. "We are training Brazilians in insect pathology, both here and in their country. Several sugarcane growers' associations produce their own fungal microbial control material, and they are treating for spittlebugs in the field."

Like talent scouts searching for stars of the future, the American and Brazilian microbial control specialists have traveled to every region of that huge country, collecting new strains of fungi. Certain ones are proving to be effective against several insect species in widely separated parts of the world.

Microbial control, part of integrated pest management strategy, isn't necessarily the complete answer to insect pest problems, Roberts notes, but it is gaining recognition as an important component. Before the researchers recommend a particular microbial control strategy, though, they must be certain the treatment is compatible with insect parasites and predators that also help control harmful populations.

Plant scientists are increasing their understanding of naturally occurring diseases as regulating factors in insect populations, and they are finding opportunities to restore the balance that was tipped by human interference. One example is the brown leafhopper, now considered to be a man-made pest and a product of the "green revolution." Better varieties of rice in Asia are providing more food not only for humans but for insects, and as many as 2,000 brown leafhoppers per plant are found thriving within the protective canopies of rice fields. The insect swept through Asia in the 1970s, reversing many of the gains of the green revolution.

The Boyce Thompson Institute scientists envision the answer to insect plagues yet to come — not from chemical factories in foreign countires — but from local cottage industries, where farmers' and growers' associations can utilize safe, simple technology to produce their own microbial control preparations.

With instruction from insect pathologists who are trained by U.S. institutions such as Boyce Thompson Institute and Cornell University, the farmers can learn the production and application of one of the world's most abundant resources — beneficial microorganisms.

Baughman to retire

CHAMBERSBURG — The Franklin County ASC Committee has announced the retirement of D. Merle Baughman, County Executive Director of the Franklin County Agricultural Stabilization and Conservation Service (ASCS). He will retire effective Jan. 4, 1985.

Baughman began his career with ASCS in 1943, when he was first elected a ASCS Community Commiteeman. One of his first jobs with ASCS, forty years ago, he recalls, was measuring acreage of potato fields throughout the county. In 1957, Baughman was appointed County Compliance Supervisor. In this capacity, he trained reporters to do field work for ASCS. In 1960, after completing the County Executive Trainee Course, he served as State compliance Supervisor, under the supervision of the Pennsylvania State ASC Commiteee. As State Compliance Supervisor, he served in 24 counties in the western part of Pennsylvania.

In March of 1963, the Franklin County ASC Committee hired Baughman as County Executive Director of the ASCS Office. As Director, Baughman directs the day-to-day operations of the County Office. ASCS administers Federal Farm Programs as passed by Congress. The Franklin County ASCS Office is located at 550 Cleveland Avenue, Chambersburg, Penna.

Merle and his wife Marie are the parents of one daughter and three sons and live at 377 Musser Road, Shippensburg, Penna.

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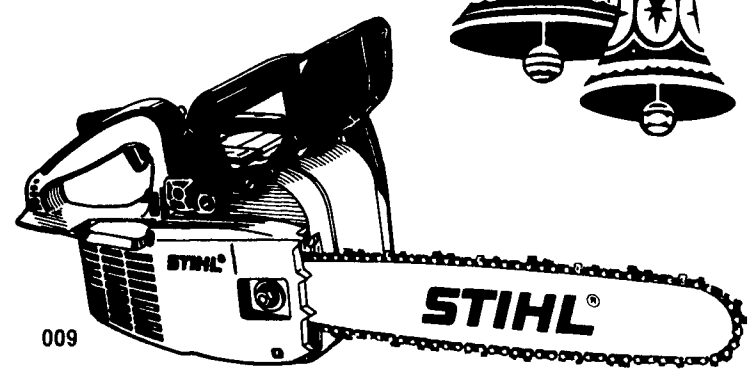

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York hosts 11th Mid-Atlantic No-Till Conference

BY JACK HUBLEY

YORK — Attendance records were broken at this year's 11th annual Mid-Atlantic No-Till Conference, as more than 1700 farmers flocked to the York Fairgrounds on Wednesday for an update on no-till and minimum tillage practices.

Sponsored b;y the Cooperative Extension Services of Delaware, Maryland, New Jersey, Pennsylvania, Virginia and West Virginia, the conference hosted university scientists as well as experienced no-till farmers who dealt with the theme of solving no-till production problems.

Leading off the morning's discussion was the University of Maryland's Dr. Tony Mazzaccaro who noted that a population explosion in the Chesapeake Bay's vast watershed is responsible for the radical changes occurring in its ecosystem.

Explaining the mechanics of the problem, Dr. Mazzaccaro said that the Bay's nutrient enriched waters promote a massive bloom of algae that prevents sunlight from reaching the bottom. And the decomposition of dead algae on the bottom creates an oxygen deficit that smothers all bottom-dwelling organisms.

The problem originates from the massive amounts of nitrogen and phosphates arriving in the bay via sewage treatment plants and agricultural lands. And Mazzaccaro clearly defined Pennsylvania's role in the bay's degradation by stating that 50 percent of all the nitrogen carried into the bay arrives from the Susquehanna River.

At present both the shad and striped bass fisheries in Maryland are closed to harvest, and the bay's oyster harvest this year has been the lowest in recorded history.

"If it wasn't for crabs, our watermen would all be on welfare," Mazzaccaro said.

Next at the podium was Penn State's Dr. John Ayers speaking on the subject of disease problems in no-till corn. Dr. Ayers reviewed three diseases that are characteristic of no-till production.

1. Gray leaf spot - A fungus characterized by long, linear lesions, gray leaf spot has the greatest potential for limiting production. The disease prefers a humid environment and overwinters successfully on corn debris scattered on the field.

2. Northern corn leaf blight, race 2 - A fairly new race of this disease and characterized by boat-shaped lesions. This one does as well under conventional tillage as no-till conditions.

3. Stalk rot and leaf rot - Since stalk rot is related to moisture stress, the disease is less prevalent under no-till conditions that tend to hold water. There are several varieties of ear rot, but all are especially prevalent under cool, wet conditions between silking and harvest.

Concerning alfalfa problems common to no-tillage, Erik L. Stromberg, from the Virginia Polytechnic Institute and State University, described the life cycle of Sclerotinia crown and stem rot, a disease capable of eliminating an entire field's production.

The disease spends the summer months as a fungus that generates spore producing stalks in the fall. After these spores are released, they infect the leaves and then lie dormant throughout the winter. With the onset of warm weather, the fungus grows down to the crown of the plant, and can also spread across dead tissue on sod. Since the disease is prevalent in clover sod, Stromberg recommends planting a non-host crop into the sod before planting alfalfa.

Farmers attending the Mid-Atlantic No-Till Conference on Wednesday had an opportunity to have their no-till questions answered during a "Quiz the Experts" session involving a panel made up of University crop specialists and experienced no-till farmers.

Following these presentations, farmers David Brower of Marshall Va., and Wayne Harpster of Spruce Creek, Pa., discussed their procedures for successful no-till farming. Serving as moderator was Extension forage crop specialist Lester Vough of the University of Maryland, who observed that the technology is now available for successfully establishing stands of no-till alfalfa if more intense management is applied.

Brower stated that his crop rotation is centered around his hay fields, with corn planted only when renovating a hay field. His alfalfa stands typically last six to eight years.

Though Harpster said that at one time his alfalfa stands were maintained for a similar duration, he currently uses a three to four-year rotation for economic reasons and to break disease cycles.

Harpster seeds at a rate of 12 pounds of alfalfa per acre with Furidan and likes to get his seed planted as early as the beginning of March to beat the weeds and get an extra crop in the barn or silo. Brower seeds 14 pounds per acre with Furidan, and is pleased that it doesn't take lots of horsepower to pull the no-till seeders.

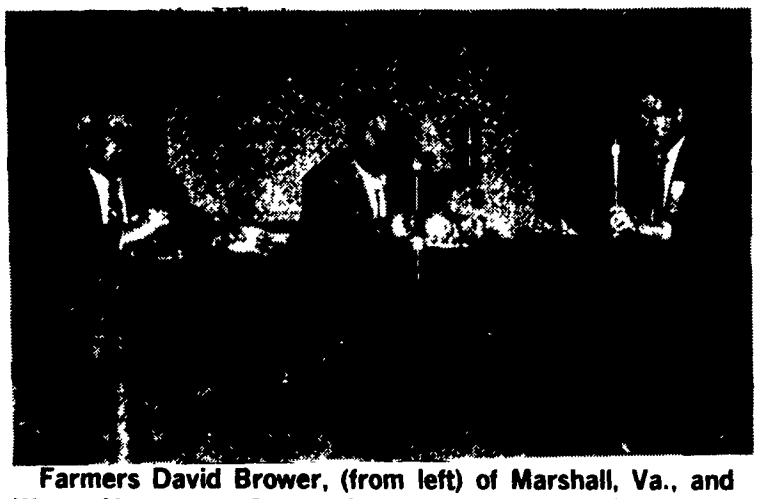
Speaking on cover crops for no-till, the University of Maryland's Morris Decker pointed out a number of cover crop advantages including reduced soil erosion, nutrient leaching and evaporation. Decker's recommendations included getting a cover crop planted in the harvested corn as soon as possible and letting clover grow as late as possible in the spring for a good nitrogen fix.

Discussing the effects of no-till farming on soils and crop yields, Purdue University's Donald Griffith noted that the better that soil is drained, the less tillage is needed. The success of no-till is also related to latitude, with no-plow systems being more difficult to maintain the farther north they are applied.

Griffith noted that compaction in corn fields will have a measurable effect on corn yields, as studies have revealed a 10 to 20-bushel per acre increase in yield in corn rows that have not been compacted by a harvester, over those rows that have.

Addressing no-till weed control problems was Penn State's Nathan Hartwig who noted that a number of perennial weeds are on the increase in no-till fields because of their extensive root systems that lie beneath the reach of no-till herbicide applications.

(Turn to Page A39)



Farmers David Brower, (from left) of Marshall, Va., and Wayne Harpster of Spruce Creek, Pa., offered their insights on no-till farming based on extensive personal experience. Moderator was Lester Vough from the University of Maryland.

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Season's Greetings

Dairy comments requested

WASHINGTON, D.C. — Comments will be accepted until Feb. 4 on U.S. Department of Agriculture proposed procedures for conducting referenda on the Dairy Research and Promotion order and proposed amendments to the order.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service, said that the action is in preparation for a referendum on continuation of the order that the secretary of agriculture is required to conduct within the 60-day period ending Sept. 30, 1985.

The research and promotion program, which was authorized in the Dairy and Tobacco Adjustment Act of 1983, is financed by a 15-cent per hundredweight assessment on all milk produced in the contiguous 48 states and marketed commercially by dairy farmers. The program is administered by a board of 36 dairy farmers appointed by the secretary of agriculture with representation based on area milk production.

Coughlin said the USDA proposals include procedures for conducting the initial referendum and any subsequent referenda. He said the proposed amendments would change the name of the order to make it consistent with the name of the board and make a change in board voting procedures.

The proposal is published in the Dec. 5 Federal Register. Comments should be sent to the Dairy Division, room 2968-S, AMS, USDA, Washington, D.C. 20250.

The Dec. 5 Federal Register is available for public review at County Agricultural Stabilization and Conservation Offices in PA.

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Ag export show set for April

HARRISBURG – Agricultural exports from a $600 million industry that is an integral part of the state's economy. In order to encourage its growth, the Pennsylvania Department of Agriculture is sponsoring a pavilion at the 1985 National Food and Agricultural Exposition in Kansas City.

"More than 1,200 buyers from 78 countries purchased almost $200 million in agricultural and food products at the first Expo held in Atlanta last year," according t state Agriculture Secretary Penrose Hallowell. "Representatives from 27 Latin American countries constituted about 20 percent of the buyers at the show. More than one-third of the buyers came from Japan. Middle Eastern and European countries were also well represented."

"Our target is 550 United States exhibitors participating in this show designed exclusively for the export trade," Hallowell continued.

"Looking closer to home, in Pennsylvania we have space for 10 exhibitors in the Pennsylvania pavilion. Our group location is superb, adjacent to the information booth, telephone bank and concession stand," Hallowell said.

Hallowell said the Agriculture Department's export division has seven firms confirmed for the pavilion. "We are actively seeking other state exhibitors," he said.

According to Hallowell, there are several compelling reasons for foreign visitors and domestic exhibitors to take advantage of the Kansas City location. "First, this exposition is the biggest show of its kind scheduled in the United States next year," Hallowell said.

The show is designed exclusively for foreign buyers, Hallowell said, assuring foreign buyers of the exhibitors' complete attention and assistance. Various seminars are scheduled, and these seminars will be simultaneously translated into several languages.

Hallowell said the show is open to every conceivable type of food and beverage products. Promoters have made a special effort to attract exhibitors of seeds, nursery stock, flowers and forest products, including paper products related to the food industry, high value and value added food products.

"Agricultural exports are a viable way for Pennsylvania firms to expand sales," Hallowell said. "For example, our forestry and lumber industry has grown dramatically the past two years, primarily due to a 60 percent growth in export sales. Pennsylvania now ranks fourth nationally in value of lumber products exported."

Kansas City is located in the heart of America's agricultural land. The city is easily accessible by international air carrier and is the headquarters of TWA and Eastern airlines.

Firms interested in participating in the 1985 show, set for April 22-24, 1985, should contact: Gretchen Vreeland, Pennsylvania Department of Agriculture, Export Division, 2301 N. Cameron Street, Harrisburg, PA 17110-9408; telephone (717) 783-8460.

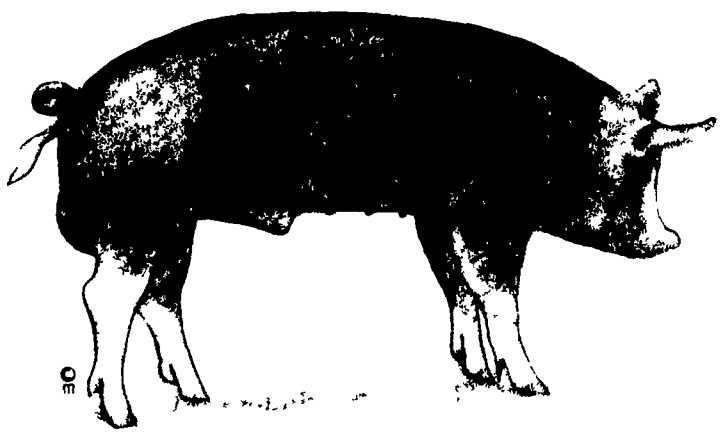
Check firewood for gypsy moths

ANNAPOLIS, Md. – The Maryland Department of Agriculture is asking users of firewood to help stop the spread of gypsy moths by looking out for their egg masses on the wood they buy. The insect, which has defoliated hundreds of thousands of acres in the northeastern United States, has in recent years become a serious problem in Maryland.

Egg masses are velvety, buff colored mounds approximately 1½ inches in length that can be unwittingly transported in firewood. Dr. Douglas Kolodny-Hirsch of the MDA says that this is one of the most common ways of introducing gypsy moths into a community and once introduced, they are difficult to eradicate. He suggests a few ways for citizens to help in preventing further infestation.

If you're buying firewood, ask the seller to provide from the agriculture department in the state where the wood was cut a certificate that certifies the wood free from gypsy moths. If the wood has been delivered and you plan to use it this winter, the eggs will be destroyed when the logs are burned. However, before the eggs hatch in mid-April, check the remaining wood and scrape off any egg masses with a putty knife, drop the egg masses into a paper bag and burn them completely. Other methods for destroying the eggs include burying them under several inches of well packed earth or soaking them overnight in rubbing alcohol, kerosene, gasoline or bleach. Keep in mind that eggs that simply fall to the ground are not killed and may still hatch.

The Maryland Department of Agriculture in conjunction with the US Department of Agriculture and the US Forest Service, is conducting a comprehensive effort to maintain the gypsy moth at a manageable level in the state.



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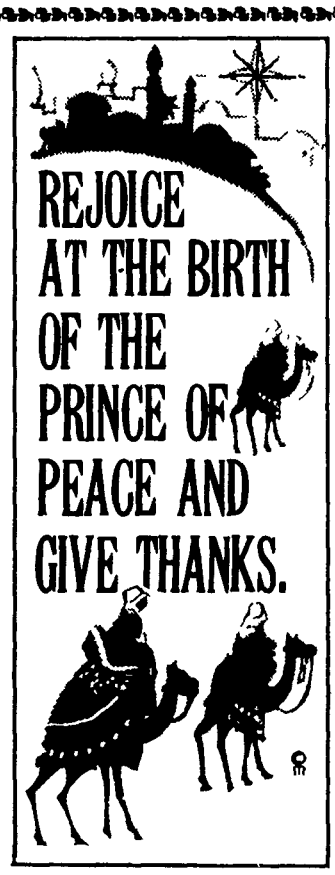

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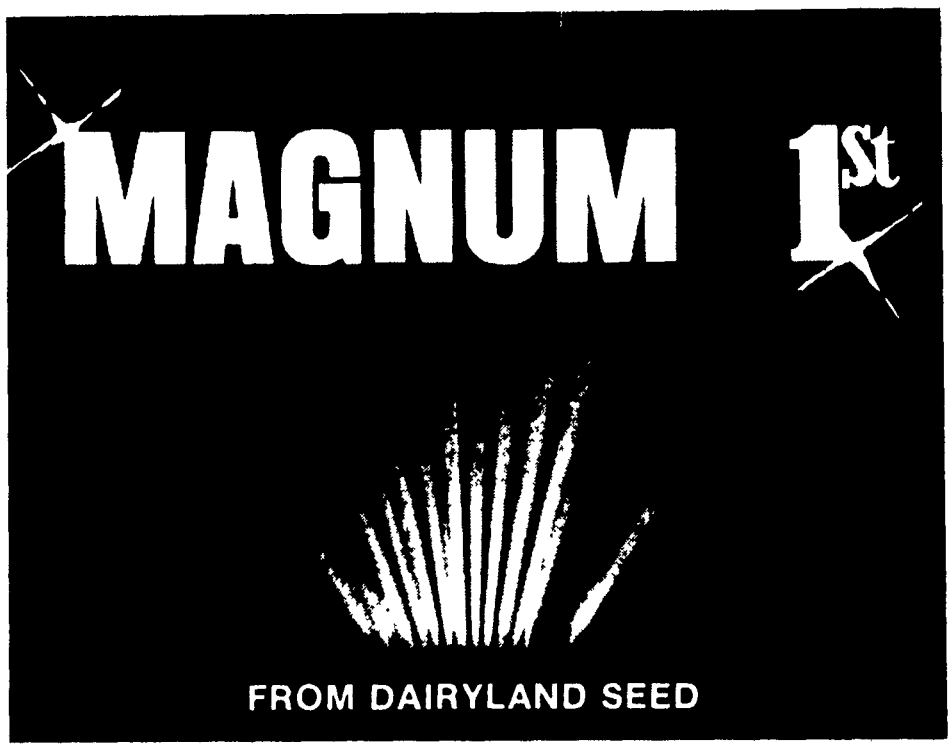

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Counties receive $2 million in emergency food assistance

HARRISBURG — Nearly $2 million in emergency food assistance is on its way to 24 counties, according to State Treasurer R. Budd Dwyer.

"We realize there is a pressing need in many of the counties for this financial assistance, especially during this holiday season." Dwyer said. "We're processing the requests for aid as expeditiously as possible."

Dwyer pointed out the funds for the emergency food assistance program comes from an $8 million appropriation by the Pennsylvania Legislature to alleviate the conditions of the recent recession and to provide food for needy individuals. The emergency food program also supplements the federal butter and cheese distribution program in the Commonwealth. Both programs are administered by the Pennsylvania Department of Agriculture.

Under the emergency food program, Dwyer explained, allocations are based on a formula encompassing three factors — the numbers of people receiving unemployment assistance, medical assistance, and food stamps. Counties are responsible for submitting their individual applications for the funds, along with their proposed food distribution plans, to the state Department in Agriculture. Each county as the sole discretion to designate its allocation directly to the regional food bank serving its area.

This week's distribution of $1,922,400 brings the total to $5,285,600 that has been distributed thus far under the emergency food assistance program in 42 counties. The funds distributed this week include the following 24 counties and their respective allocations:

Armstrong County $74,400; Beaver County $163,200; Berks County $148,000; Blair County $130,400; Cambria County $112,000; Clearfield County $79,200; Elk County $23,200; Fayette County $196,800; Forest County $5,600; Franklin County $70,400; Fulton County $15,200; Greene County $41,600; Indiana County $78,400; Jefferson County $36,800; Juniata County . $15,200; Lackawanna County $139,200; Lancaster County $143,200; Lebanon County $50,400; McKean County $44,800; Northampton County $124,000; Snyder County $21,600; Union County $16,000; Warren County $35,200.

Dog licenses go on sale

HARRISBURG — Safety and protection of the family pet are two reasons to purchase 1985 Pennsylvania dog licenses, which went on sale Dec. 1, according to state Agriculture Secretary Penrose Hallowell.

"Licenses are an inexpensive, yet very effective way to keep the family dog safe and provide family members with peace of mind," said Hallowell. "The license tag is a sign that the owner cares about the welfare of his pet. This is especially important in light of the increased incidence of rabies during the past year," Hallowell noted.

Licenses for 1985 may be obtained through county treasurers' offices and authorized dog licensing agents across the state beginning Dec. 1.

"Anyone owning a dog six months of age or older must obtain a 1985 license under the provisions of the Pennsylvania Dog Law Act 225 of 1982, which sets forth the responsibilities of dog owners in the commonwealth," Hallowell added.

Licenses fees are $3 for spayed and neutered dogs and $5 for all other dogs. Senior citizens 65 and older pay only $1.75 for non-productive dogs and $2.75 for all other dogs, but must present proof of age when applying.

Owners should also provide proof of spaying and neutering when applying for their pet's license. Dog owners mailing the fee to the county treasurer's office must include a self-addressed, stamped envelope. Names and locations of authorized agents may be obtained by contacting the treasurer's office in the appropriate county.

The 1985 license contains a registration number imprinted on a tag designed in the shape of the state of Pennsylvania, and may be a collector's item in years to come.

Questions concerning licenses or other dog-related subjects may be directed to the state dog warden in your area.

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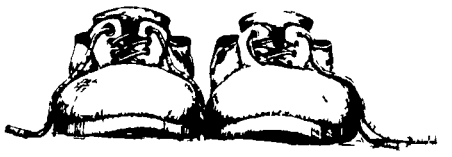

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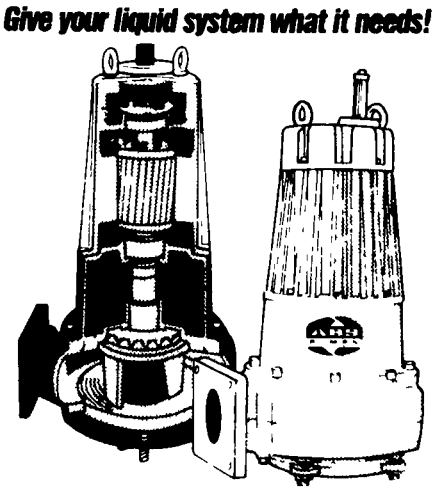

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Iowa research discussed at pseudrabies meeting

BY JACK HUBLEY

LANCASTER — About 50 pork industry representatives gathered at Lancaster's Farm and Home Center on Friday, Dec. 14, for a head-butting session on pseudorabies, the disease currently responsible for the quarantine of about 34 of the state's 1,450 swine producing farms.

The program's special guest was Dr. G.W. Beran, an Iowa State University veterinarian who reported the latest findings in an on-going pseudorabies pilot control project involving a voluntary group of 210 Marshall County, Iowa, swine producers.

Leading off the program was Penn State Extension veterinarian, Dr. Larry Hutchinson, who gave a brief overview of the disease and its history in Pennsylvania.

Hutchinson pointed out that although the viral disease can affect other livestock as well as dogs, cats and wildlife, hogs are the major carriers of pseudorabies. And because of a wide range of symptoms, PRV can be a particularly difficult disease to detect and diagnose. Symptoms may range from no evident outward signs to abortion, scours, vomiting, tremors, fever and loss of appetite. Some herds may, in fact, test positive for PRV while experiencing no increase in death loss, Hutchinson said.

Pennsylvania first began experiencing PRV problems in the early 1980's, when a number of herds became infected in northeastern Lancaster County. A total of about 80 herds have been quarantined in the last four years, Hutchinson said, with most of the problem confined to Lancaster County, the state's leading hog-producing county.

Iowa, on the other hand, has been fighting a running battle with pseudorabies virus for the past decade.

"We've talked about getting rid of pseudorabies for 10 years," Dr. Beran said, "but it's really only since last year that we've undertaken this pilot project."

The project referred to by the veterinarian involves the voluntary participation of all but one of Marshall County's swine producers. Of the 211 herds involved in the test, 33 were found to be infected, with the remaining disease-free herds divided into high-risk and low-risk farms, depending on their proximity to infected herds, as well as a number of other criteria. Uninfected high-risk herds were monitored every six months, with low-risk herds being monitored every nine months.

Veterinarians then worked with owners of infected herds to choose and implement one of three eradication plans.

-- Plan 3A, Depopulation-Repopulation: Under this plan, all hogs on the entire farm are removed, with sows being sold as their pigs are weaned, and growers being removed as they reach market weight. Equipment is cleaned and disinfected, and manure pits are emptied and disinfected. Five of the 33 farms elected to go this route.

– Plan 3B, Test and Remove Seropositive Pigs: The herd is tested and all positive animals are removed immediately. Testing and removal continues every 30 days until all infected animals are gone. This plan is considered if the infected portion of the herd does not exceed 20 percent. Four farms opted for this plan,

– Plan 3C, Controlled Vaccination and Offspring Segregation: Breeding stock is vaccinated prior to farrowing, transferring immunity to baby pigs. Pigs are weaned early and two-times the number of replacement gilts that the farmer deems necessary are selected for segregation from the rest of the herd. These progeny gilts are taken to a facility as far away from the herd as possible, and a special change of clothes and boots are maintained to work with these pigs. The gilts are tested at six months of age. Twenty-four farms were enrolled in this plan.

Now 15 months old, the overall project has resulted in 11 farms being classified as free of PRV, with six other farms awaiting their final tests.

"So far we have a perfect track record," said Dr. Beran, noting that no Iowa herd has become reinfected since cleanup.

A show of hands following the researcher's presentation revealed that the majority of producers in attendance would favor an eradication program similar to Iowa's if certain conditions could be met.

It was generally agreed that the program must be totally voluntary, and would have to involve nearly 100 percent cooperation from producers within the study area.

It was also determined that some type of professional assistance would be necessary to aid farmers in choosing the plan best suited to their operations. Cooperative Extension, University of Pennsylvania and Bureau of Animal Industry veterinarians were all cited as possible sources for technical assistance, although some dissatisfaction was expressed with the past performance of Bureau officials when dealing with the pseudorabies problem.

Although producers expressed interest in a vaccination-offspring segregation program, vaccines are prohibited in Pennsylvania because of their potential for masking real disease.

Dr. Beran noted that two alternatives to the use of "live" vaccine can provide solutions to the vaccine dilemma. First is the use of "killed" vaccine, which reduces the risk of secondary health problems such as arthritis, rhinitis and chronic pneumonia, sometimes encountered following the use of the live product.

"We've had no problems with the killed product," said Dr. Beran, pointing out that killed vaccine is currently in use in the Iowa study.

He also stated that a third product called "subunit" vaccine will probably be available within a year, and will undoubtedly be an improvement upon vaccines currently available.

Producers also felt that regulations governing the marketing and movement of feeder pigs would have to drafted for any eradication program to be successful. The state currently requires a certificate stating that all pigs are free of clinical signs of the disease, but producers pointed out that clinical evidence may, in fact, not be present in infected animals.

"The feeder pig people can do almost anything they want, and the ones with purebreds have all the regulations," said producer Larry Baum, pointing to the blood testing and permit procedures required for the movement of breeding stock.

Dr. Beran noted that a blood testing procedure could be implemented for feeder pigs coming into the state, but he cautioned that if pigs were to be tested at their point of assembly within the state, "at least 50 percent" of these animals from different points of origin would have to be tested to provide meaningful results. On the other hand, testing at the point of origin would require a smaller sample in the neighborhood of five to 10 percent, he said.

Dr. Beran pointed out that, although PRV can be spread in a variety of ways, the major vehicle for the virus is direct breath-to-breath spread. If the virus is present, any form of stress will trigger shedding, and the movement of a pig onto a farm definitely qualifies as stress, the veterinarian said.

Other havens for the virus include straw, where it can survive for about a week at room temperature, and shelled corn and milled feed, where PRV can easily remain alive for a month, according to Beran.

(Turn to Page A34)

Iowa State University veterinarian, Dr. G.W. Beran, outlined his state's pilot pseudorabies control program at a Pa. pork industry meeting in Lancaster on Dec. 14.

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Guarantee against soybean herdicide damage

CHICAGO – When used properly, Banvel herbicide won't cause drift damage to soybeans adjacent to treated corn fields. And to back up this claim, Velsicol Chemical Corporation has announced a new program to protect Banvel users and their neighbors against soybean yield loss, according to Guy Mikel, Corn Market Manager for Banvel.

"In the past, growers may have been concerned about drift damage from Banvel," says Mikel. "At mature growth stages Banvel may injure soybean crops.

"But in situations where Banvel is applied according to label specifications and when corn is spike to five inches tall–which is the best time to control annual broadleaf weeds and perennial seedlings anyway–there is little chance of drift damage," he says.

"We are so certain, that this season we are providing a Soybean Protection Guarantee to corn growers," he continued.

Under the Soybean Protection Guarantee program, Velsicol will compensate a grower or neighbor for measurable soybean loss caused by Banvel herbicide drift, when applied according to label directions.

Velsicol will reimburse the owner of the soybeans for actual soybean yield losses with Banvel herbicide equivalent to twice the value of the loss. The guarantee also applies to neighbors of farmers who make the application. It covers soybean loss in fields directly adjacent to treated fields.

Banvel must be applied to corn less than 10 inches tall, and adjacent soybeans must be less than 10 inches tall and not flowering. Mikel points out that almost all of the drift damage complaints occurred in situations where Banvel was applied to corn more than 24 inches tall or where label restrictions were ignored.

Growers can apply up to one pint of Banvel to corn spike to five inches tall, and one-half pint to corn five to ten inches tall. According to the label, some of the requirements are that Banvel should be applied under low pressure and on days when the wind is less than five miles-per-hour.

Growers should use coarse spray nozzles, and the guarantee applies to ground applications only. Custom applications are covered by the guarantee. Growers should refer to the Banvel label for complete application details.

The Soybean Protection Guarantee applies to Banvel herbicide or Banvel tank mix applications in corn in Ill., Ind., Iowa, Mich., Minn., Mo., Neb., N.Y., Ohio, Pa., S.D. and Wis.

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Look at more than yield when picking seed

DE KALB, Il — The main trait farmers look for when selecting a hybrid or variety is yield. Wayne Fowler, Director of Agronomic Services for DEKALB-PFIZER GENETICS says, "while yield is most important, other agronomic and economic factors must be evaluated as well."

Whether corn, soybeans or sorghum, one basic factor farmers almost automatically consider when choosing hybrids or varieties is the maturity range appropriate to their growing areas, says Fowler. The correct maturity range is important in order for hybrids and varieties to achieve maximum performance. When comparing yields, growers also should be certain to match similar maturity.

Another factor growers should examine is the hybrid or variety's performance consistency through a wide range of weather conditions in their area. Fowler says, "a good method of measuring this consistency is by using data from the DEKALB-PFIZER Field Analysis Comparison Trials (FACT)." These FACT plots, as well as university trials, provide an excellent way to compare hybrids or varieties grown under the same conditions.

Prior to selecting hybrids or varieties, farmers should determine if the grain will be used for some special purpose such as food processing, livestock feed, silage or gran for market. For example, if sorghum grain will be used for feeding purposes, a yellow endosperm hybrid should be chosen if available in the correct maturity range, Fowler says.

Corn hybrids

To harvest optimum corn yields, sturdy stalks and roots are critical. "Without these traits, harvested yields probably will be disappointing," the agronomist warns. However, insects, weather, lack of fertility and disease also may contribute to poor standability, he explains. Growers should look for specific reasons for lodging problems before blaming the hybrid.

An economic consideration connected to standability is cost of drying. By selecting hybrids with strong stalks, farmers who choose to utilize long field drying to achieve lower drying costs, reduce the risk of heavy pre-harvest losses.

Rotation procedures on a grower's farm strongly affect yield. In a five-year analysis of FACT management data comprising over 800 plots each, corn following soybeans outyielded corn after corn by 4.8 bushels per acre. Soybeans following corn outyielded beans after beans by 3.6 bushels per acre. When you calculate reduced costs and put a value on the yield increase, farmers find that the value of corn/bean rotation cannot be ignored. "Certain diseases or insects may be a problem in some continuous corn operations because they thrive on the favorable conditions created by using the same crop year after year," Fowler says. "One advantage of crop rotations is that alternate crops usually do not serve as host to the pests of each other." The previous crop has no influence on the occurance of certain other diseases and insects. If a pest is known to be an economic problem in a field or area, hybrid selection should take this into consideration.

Germination and seedling growth rate also are important considerations when selecting a hybrid. Cold, no-till soils require hybrids that can germinate and establish quickly, Fowler observes.

Tillage and planting practices may affect seedling growth rate. Conventionally tilled soils warm earlier in the spring due to increased sunlight interception and rapid moisture evaporation. The result is that a more favorable seedbed may be obtained than with minimum or no-till cropping practices. Thus, hybrids with average seedling growth rates may work better in conventionally tilled fields.

Another key factor in hybrid selection is tolerance to high plant populations. "Yield will be enhanced by using an optimum planting population, which is usually greater than most farmers use. This will vary depending on the hybrid, soil and growing conditions," Fowler says. However, when using high populations, a corn hybrid tolerant to population stress is required.

In economic terms, plant maturity and dry-down (the rate of grain moisture loss) also should be considered. "Escalating drying costs emphasize desirability of hybrids with fast dry-down," Fowler says. Many farmers tend to overlook what may be more important economically: fast drying hybrids allow for earlier harvest.

Soybean varieties

A primary factor to consider is disease resistance. Wet weather in 1983 and 1984 contributed to an increase in phytophthora root rot, a major soybean disease in the Corn Belt. "Many soybean varieties have some resistance or tolerance to phytophthora," Fowler says. "However, variety selection for this alone is difficult because there are numerous races of the disease organism."

Another problem is soybean cyst nematode. "The nematode problem has increased and the disease has spread into new regions, making it difficult to obtain resistant varieties of the correct maturity," Fowler says. "Some nematode problems can be overcome with planned crop rotation."

Planting methods, such as solid seeding, also influence the variety chosen. Varieties whose plants have fewer branches and single stems are generally selected for narrow rows, Fowler says. This is because fewer branches are needed to shade the soil to conserve moisture.

Sorghum hybrids

With the growing concern to reduce cost of production, sorghum farmers will find greenbug resistance and drought tolerance important considerations. "In areas where greenbugs are a problem, farmers can reduce spraying costs with biotype C and E greenbug resistant hybrids, the agronomist observes. Many high-yielding hybrids are available in a wide range of maturities that tolerate feeding by these insects and reduce or eliminate the need to spray.

Hybrids also should be tailored to expected moisture conditions. "Some hybrids develop deeper, more extensive root systems that can utilize the available moisture," Fowler says. In addition, some hybrids released in recent years offer mechanisms to reduce transpiration and regulate plant moisture under severe dry periods. These traits maximize whatever amount of moisture is available.

"Where freezing temperatures can occur early in the fall, sorghum growers should evaluate hybrids for post-freeze stalk quality, the DEKALB-PFIZER agronomist advises. "There are a number of top-performing hybrids which stand well even after freezes that cause some hybrids to fall and lodge."

Also, select for head types that allow fast dry-down and avoid head molds, but do not encourage bird feeding, Fowler cautions. Head exsertion is another important factor for fast dry-down and ease of harvest. Hybrids are available that do not sacrifice high yields for these traits.

In areas where diseases are present, compare tolerance to disease in the selection process. The agronomist cautions tolerance to a specific disease should be considered only if the disease is present. Many diseases are no longer a problem because of bred-in resistance.

In all cases, Fowler says, the seed selected should be high germinating, clean and disease free. "The seed should have the quality that makes growers proud to pour it into the planter," he concludes.

Tax mgt. tips given

NEWARK, Del. – Everybody talks about taxes. Farmers can do something about theirs if they take time now to inform themselves about details and procedures, says University of Delaware extension farm management specialist Dr. Don Tilmon.

To start with, estimate 1984 taxable income during December, he says. Become familiar with new tax regulations. Be aware of how changes in exemptions, deductions and nonfarm income will affect your personal tax situation. Also be aware of income adjustment opportunities such as IRAs, the marriage deduction and other items listed on lines 24 to 30 of Form 1040. Then MANAGE YOUR TAXABLE INCOME.

If this is a high income year for you, Tilmon suggests taking the following steps:

* Be sure all bills are paid by December 31. It may pay to borrow if necessary.
* Advance necessary purchases, such as grain or fertilizer. Have a business reason as well as a tax reason. Be sure to pay for a specified quantity at a specified price–in writing.
* Defer sales or delay billing when possible.
* Consider nontaxable trades rather than sales and purchases.
* Pay family help at going rates for work actually done. Your children can earn $3,300 before they must file or pay.
* Consider a Section 179 expense deduction--up to $5,000 of machinery purchases can be expensed.
* Check the toolshed for capital purchases that never made the depreciation list. Some depreciation and investment credit may still be available.
* Consider electing "involuntary conversion" of cows sold because of diseases.
* Try income averaging--Schedule G, 1040

If this is a low income year for you, here are some steps to consider:

* Defer payment of current bills.
* Defer purchases.
* Advance sales if possible
* Forego trades in favor of sales and outright purchases.
* Do not expense (Section 179) capital purchases.
* Consider the ACRS straight-line election.
* Consider reporting federal cost-share payments for capital items (such as a manure storage facility) as income.
* Consider electing to forego the installment sale privilege.
* Don't fail to claim investment tax credit and qualifying rehabilitation credit. Credits can be carried back or forward, Tilmon says.

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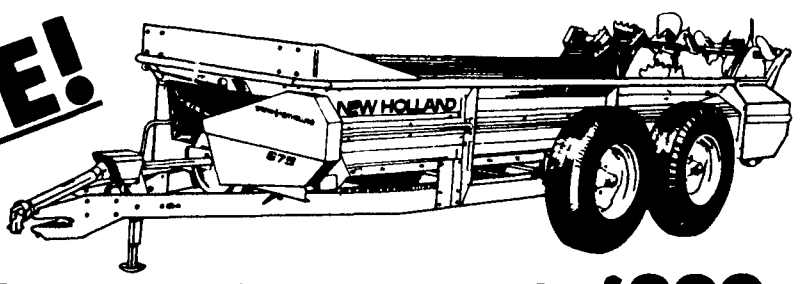

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Hi-Protein Breeders learn about Johne's

BY ROBIN PHILLIPS
Staff Correspondent

HAMBURG – "People are starting to ask, 'How common is Johne's disease?'" began Dr. Robert H. Whitlock, New Bolton Center, University of Pennsylvania. Dr. Whitlock came to Hamburg last week to address the Hi-Protein Breeders of Southeastern Pennsylvania. Hosting a dinner meeting at Schmeck's Family Restaurant, Hamburg, the Hi-Protein Breeders were looking for some answers about Johne's disease and had many questions concerning the ongoing research.

Dr. Whitlock is currently working with other researchers on the cooperative Johne's research project, being jointly studied by the University of Pennsylvania and Penn State University. Still in its initial stages, the project is revealing the causes of infection, clinical signs, methods of spread, and several suggestions for prevention. Showing slides and constantly answering breeder's questions, Dr. Whitlock provided sought-after insight into this growing concern.

"It's a relatively common problem, but many people don't recognize it," Dr. Whitlock stated. Johne's was first recorded in 1881. The first case in the United States was discovered in 1908, and the disease has since developed into a worldwide problem, according to Dr. Whitlock. Current studies indicate that up to 10 to 15 percent of dairy cattle in the United States may be infected.

There is widespread underdiagnosis of this disease, according to Dr. Whitlock, because people are reluctant to test for Johne's disease or admit that it is in their herds. Because it is contagious, if a cow tests positive, the Department of Agriculture has to report it and the health certificates of the herd will have the Johne's disease status listed on them. The owner is encouraged to sell the positive animal to slaughter to clean up his herd. If he does not sell the positive animal, he is not allowed to sell cows from the herd. There is also the threat of civil liability. Questions are raised about the responsibilities of an owner of known infected cows that may infect a neighbor's animals or are indiscriminately sold regardless of any clinical signs of Johne's disease.

Signs of the disease include weight loss, intermittent diarrhea for weeks or months, or a tendency to develop secondary problems such as mastitis, infertility, or infections. "The whole basis of what you see clinically is because of the thickened intestinal wall," Dr. Whitlock explained.

Johne's disease is caused by an acid-fast bacterium related to the human tuberculosis organism. "This organism is so tough," Whitlock continued, "that there is no treatment for this disease at this time," The thickened intestinal wall is the result of the bacteria invading the intestinal lining of the infected animal. The intestinal lining reacts by multiplying immune cells, producing a thickness.

The continued development of this reaction causes the thickened intestine to eventually leak protein from the blood into the intestine. At this stage the animal has diarrhea and shows very poor body condition from the constant loss of weight, despite a good appetite until she goes down.

An infected animal spreads the infection in its manure. Contaminated feed and water pass the infection along. Soils can also become contaminated and contribute to the spread of the disease.

Newborn calves are the most susceptible to infection. Born into a contaminated environment, they can ingest the organisms right after birth through dirty bedding, nursing an infected dam with a manure-coated udder, or receiving contaminated colostrum.

The research findings to date indicate that the older an animal is before becoming infected, the less likely that it will show clinical signs of the disease. A slow growing organism, the disease usually takes from two years to five to eight years until any abnormalities such as weight loss or diarrhea become apparent. "It's so important to raise the calves in separate hutches," Dr. Whitlock advised breeders.

There are several tests available to determine if the disease is present in an animal. The fecal culture is the best recognized test for Johne's disease. But Dr. Whitlock admitted that there is a backlog in the Department of Agriculture, and the tests are not currently or readily available to breeders through that office. Private laboratories throughout the United States have the testing facilities available with a per sample cost. With the fecal culture, there is a waiting period of three to five months for the results because the organism is a "slow grower." There is also a problem of "false negatives."

"If it is negative, it doesn't eliminate the possibility of the disease, we just didn't find it," Whitlock stated. He recommends a herd be cultured every six months. Positive animals should be slaughtered and negative animals recultured and tested. After a period of negative tests a herd can be identified as "clean."

He also advised the dairymen that there is an indemnity fund for this disease in Pennsylvania.

Complete results of the first year's findings of the joint research program that Dr. Whitlock is a part of will be available next March to June. More than 1500 dairy cull cows were studied in the first year and many owners will be questioned randomly.

"Right now," Dr. Whitlock continued, "we're working to compare the economic loss in a positive herd compared to a negative herd. When we get this (the complete study) done, it should be one of the best studies done on Johne's disease," he concluded.

With printed handouts and a slide presentation, he gave breeders a list of prevention practices to use in their own herds to prevent or limit the disease. They include:

– Remove newborn calves from their dams immediately after birth and raise them in separate quarters.

– Do not allow the calf to nurse, while nursing the calf may ingest Johne's bacilli from fecal contamination.

– Feed pasteurized colostrum from uninfected cows immediately after birth. Make sure the udder is clean prior to taking the colostrum.

– Protect young cattle from contaminated feed and water used for feeding adult animals.

– Do not mix replacement animals with the adult herd until they are at least one year old.

– Keep feeding areas well above ground that is contaminated with feces.

– Never spread manure on permanent pastures used for grazing cattle, especially youngstock.

– Contaminated areas, lots, pastures should be plowed, turning over at least 6 inches of soil.

– Rotate pastures to prevent adult animals from ingesting the Johne's bacilli.

– Protect young cattle from all waste and water drainage that may come from areas occupied by adults.

– Fence off or fill in any stagnant water source. Allow cattle to drink from only tanks or free flowing streams.

– Separate unthrifty cattle from the herd and handle these cattle last. Return them to the herd only when known negative for Johne's.

– Slaughter any animal with recurrent diarrhea.

After Dr. Whitlock's presentation, William Zollers, president of the group called the meeting to order and reviewed the group's efforts in the first year.

The jetshake machine, purchased early in the summer, has proved to be an excellent alternative to other beverages at meetings and youth gatherings. "But we've got to promote this thing," Zollers encouraged. Efforts to get more groups and interested persons to use it were stressed.

Carolyn Hollenbach, Bernville, 488-1789, handles requests for the machine and, for a slight rental fee, any group or individual can utilize it to promote milk.

Plans are also underway for a spring meeting to discuss protein pricing. Anyone interested in joining the Hi-Protein Breeders and their efforts to promote a better quality milk are invited to call William Zollers, R1, Mertztown, 215-682-7880.

Dr. Robert Whitlock discussed the signs and effects of Johne's disease with the Hi-Protein Breeders of Southeastern Pennsylvania last week.

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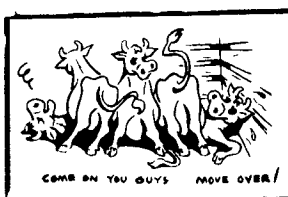

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'Super Cows' on the drawing board

ITHACA, NY - Modern American dairy cows are second to none when it comes to milk production. Now, scientists have made a major advance that could turn these animals into "super cows" by markedly increasing the efficiency of milk production.

Scientists from Cornell University reported this week that a group of typical dairy cows increased milk yield up to 41 percent (more than 25 pounds of milk per day) when given daily shots of laboratory-produced bovine somatotropin (growth hormone). Bovine somatotropin is an experimental protein which was produced by Monsanto Company.

Highlights of findings made in a study conducted at Cornell to determine the effects of long-term use of biosynthetic hormone, or methionyl bovine somatotropin (MBS), on cows' productivity and health are:

– the composition and quality of the milk was the same as ordinary milk;

– treated animals remained in good health throughout the test that lasted for more than six months;

– calves born to these animals were healthy at birth and grew normally afterward; and

– efficiency (milk per unit of feed) increased markedly.

Cornell scientists reported these findings at the 1984 Cornell Nutrition Conference for Feed Manufacturers in Syracuse (October 30-November 1). This is the first long-term study of its kind to improve the productivity of dairy cows.

The findings mean that farmers around the world are closer to the day when they may be able to use such a practice to dramatically increase the efficiency of milk production.

The study was conducted by Dale E. Bauman, professor of nutritional biochemistry in the New York State College of Agriculture and Life Sciences at Cornell, and graduate student Philip J. Eppard. Monsanto Company supplied the somatotropin for the experiment.

"Methionyl bovine somatotropin" (MBS), the biosynthetic bovine growth hormone, is a product made by genetically modified microorganisms created through recombinant DNA technology, known popularly as gene splicing.

Both natural and biosynthetic somatotropins are proteins. To be effective for boosting cows' milk yields, somatotropin must be in the blood stream, hence the hormone is injected into muscle, Bauman explained. If the substance is taken orally, it has no effect because it is digested like any other protein.

Conducted in 1982-83 at Cornell's Animal Science Teaching and Research Center, the study was a continuation of Bauman's earlier work that involved short-term use of both natural and recombinantly derived bovine growth hormone. In these studies, hormone-treated cows boosted their milk production by 10 to 40 percent.

In the recent long-term study, researchers gave three groups of six animals different amounts of MBS daily for 188 days during the last two-thirds of lactation. This is the period when a cow's milk yield normally drops off; milk production following calving peaks during the first 60 to 100 days of lactation. For comparison, another group of six cows received natural somatotropin isolated from the pituitary gland; still another group of six cows was used as control.

Results of the Cornell study surprised even the researchers. MBS-treated cows increased their milk yields by 23 to 41 percent.

"These results are surrounding," Bauman commented. "Increased milk yields from test animals are dependent on how much hormone was used daily."

The cows that received the highest dose of MBS (40.5 miligrams per day) boosted production by 41 percent. Another group that was given 27 mg per day produced 36 percent extra milk. Increases in milk yields from still another group that received the least amount of MBS (13.5 mg per day) averaged 23 percent.

The extra milk produced by each of the cows that received the highest dose (40.5 mg) amounts to more than 25 pounds per day, or more than 10 quarts of milk. One quart of milk weights about 2.15 pounds.

The nutritional composition of the milk thus produced, in terms of percentages of milk protein, fat, and lactose (sugar), was not affected.

"The dramatic gain in production efficiency of the cows treated with the hormone, as demonstrated in this study, is equal to that resulting from 10 to 20 years of genetic improvements in cows achievable through traditional animal breeding programs," Bauman said.

The amount of the experimental protein used daily per animal was small. If 40.5 mg were used daily, for example, the amount of somatotropin required to treat one animal for 200 days would amount to less than two-tenths of an ounce, Bauman estimated.

Bauman also reported that the cows were in good health throughout the study. Twenty-eight of 30 cows used in the experiment were pregnant. Subsequently, these animals calved successfully, and their offspring grew normally.

"We observed no ill effect on the health of the test animals and their young," Bauman pointed out.

Commenting on the scientific significance of his work, Cornell's Bauman said that results clearly demonstrate that somatotropin is one of the key controls that channel more nutrients to milk synthesis in dairy cows.

"It is impressive that even in high-producing cows, manipulation of this single control (by administration of somatotropin) can dramatically increase the efficiency of milk production," he noted.

Looking ahead, the Cornell scientist said that the world is faced with an ever-increasing population, projected to double to 10 billion people by the year 2030.

"We have to produce as much food in the next 40 years as we have produced in all history," Bauman stressed. "For this reason, improvements in the efficiency of food production are crucial."

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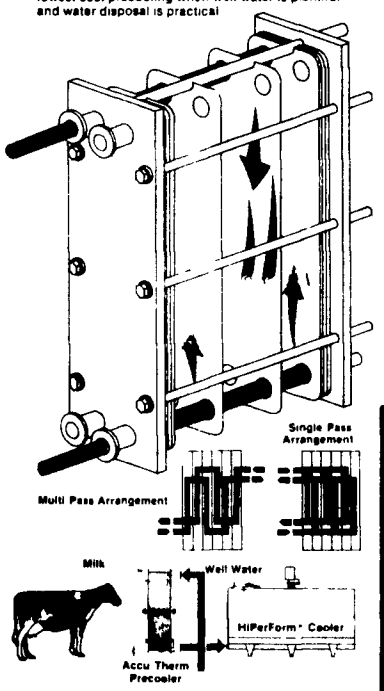

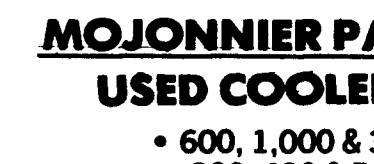

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Geldermann Peavey offers written marketing plan

CHICAGO — Geldermann Peavey now offers producers a written marketing plan as part of its Farm Marketing Program. The Program, directed by Bill Zielinski and Bill Mullins, former president of the National Corn Growers Association, is designed to help farmers make more money through better marketing.

"Our first objective is to make the producer more profitable," Mullins said. "To be more profitable, the producer needs a written marketing plan. He needs to spend more effort in developing his price objectives, in deciding how he's going to achieve these objectives. Most producers don't have a written plan. They haven't taken the time to sit down and develop how they're going to go about doing their marketing, and what tools they're going to use to accomplish their goals."

Developing a thorough, precise written marketing plan is the first step of the Farm Marketing Program. Geldermann Peavy will work with the producer to determine price objectives, break-even cost of production, risk-bearing ability, cash flow needs and what action to take if prices don't reach his goals. This eliminates a common problem – there's no need to make an emotional decision under pressure. Geldermann Peavy then will write and deliver the finished marketing plan to the farmer.

Geldermann Peavey suggests the farmer divide his production into segments, assigning each to an independent market advisor (perhaps keeping one segment to market himself.) Then Geldermann Peavey will monitor, execute and account for the farmer's program. (Currently Geldermann Peavey used 8 advisory services, monitoring each daily).

With a written marketing plan, at the end of the year, the farmer knows exactly how his program has performed. The results for current Program customers have been good. "Every account this year made a profit in the futures market," Zielinski said.

"A written marketing plan provides discipline for the producer," said Mullins. "The Farm Marketing Program is a service offering efficiency and a system to help the producer improve profits." With Geldermann Peavey's new program, Zielinski said, farmers "can walk out of the house each day and know their marketing is in order."

For more information about developing a written marketing plan and tailoring the Farm Marketing Program to their operation, farmers can call Bill Mullins or Bill Zielinski at (312) 322-6700. Outside of Illinois, call 1-800-251-6109.

Mifflin DHIA completes 62nd year

LEWISTOWN — Heading the 1984 list of top DHIA herdsmen in Mifflin County were two Belleville dairy families. Percy S. and R. Glenn Yoder achieved the highest butterfat record, while Paul J. Zook topped the county milk records for the 62nd testing year ending September 30th.

The Yoder herd produced 771 pounds of butterfat with a 19123 lb. milk record. Other dairymen surpassing the 700 lb. fat mark were: John A. Peachey, Mill Creek; Paul J. Zook, Belleville; Charles L. Forgy, McVeytown; James G. Laughlin, Lewistown; Sylvanus S. Peachey, Belleville; James L. Hostetter, McVeytown; Louis S. Peachey Jr., Belleville; Bradstead Farm, Lewistown; Russel L. Kline, McVeytown; and Byler Brothers, Belleville.

The highest milk record in the county, set by Paul Zook, was 20,705 pounds. Only one other dairyman, John Peachey had a herd record exceeding 20,000 pounds.

Also from the Peachey herd came the cow with the highest lifetime milk record. A Holstein named Molly produced 279,518 lbs. of milk and 9,506 lbs. of fat in 13 lactations. Fourteen Mifflin County cows finished their lifetime records with over 200,000 lbs. of milk.

The high lifetime butterfat record was achieved by Kitten, a Holstein from the Fred C. Myers herd, Lewistown. She produced 9,795 lbs. of fat and 224,270 lbs. of milk in 13 lactations.

The county averages on 101 whole-year DHIA herds for the 1984 testing year were 16,474 lbs. milk and 617 lbs. butterfat on 5434 cows.

Officers of the Mifflin County DHIA board of directors include: G. Sheldon Peachey, president; Frank Hartzler, vice president; and Paul H. Yoder, secretary.

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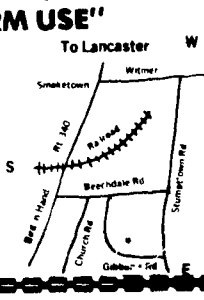

Cornell stressing varied acid rain studies

ITHACA, N.Y. — From studying the effects of liming acidic lakes to calculating electricity customer costs of pollution, many Cornell University scientists are researching acid precipitation.

More than 50 people here are involved in research projects pertaining to the effects of acid rain, defined as precipitation including hail, snow, sleet, fog, gases, and dust that has high concentrations of sulfuric acid and nitric acid. Acid rain is a potential threat to lakes, rivers, agricultural crops, soils, forests, drinking water, and even to man-made objects such as buildings, statues, and painted surfaces, according to many scientists.

Several hundred lakes in New York State's Adirondack Mountains, for example, have become too acidic to support fish life and the cause is attributed to acid precipitation. Damage to forests in the Northeast, blamed by some on acid rain, is another concern.

Cornell research ranges from studies of water and terrestrial ecosystems, and atmospheric processes, to monitoring, economics, and communication. The following is a sampling of some of the Cornell projects.

AQUATIC ECOSYSTEMS

* the effects of neutralizing the acidity of several lakes in the Adirondacks with lime and how long those lakes can sustain fish life again is being studied by Carl Schofield of the department of natural resources and Steven Gloss, Cooperative Fish and Wildlife Research Unit biologist.

* stream acidification in the Adirondacks and the Smokies, and aluminum cycling in relation to acid rain in forested watersheds is being examined by Schofield.

* brook trout that are resistant to at least marginal conditions of acidity are being developed by Schofield and Dwight Webster in an attempt to preserve the recreational value of the lakes in the Adirondacks. The fishery scientists point out that this is an interim measure until a permanent solution to the acid rain problem is forthcoming.

* how sodium bicarbonate – commonly known as baking soda – can neutralize Adirondack lakes and support fish populations is being analyzed by James Bisogni, associate professor of environmental engineering.

* looking for the relationship between lake water chemistry and the kinds of algae and sediments present in acidified lakes is the project of Jesse Ford, a researcher in the Ecosystems Research Center. She is using that information to sort out the history of the biological and chemical effects of acid rain on New Hampshire and Vermont lakes.

* an analysis of why New Hampshire lakes, which receive as much acid deposition and have similar geological features as lakes in the Adirondacks, are not as adversely affected as upstate New York lakes is being conducted by Ford and Schofield.

* the effects of acid rain on aluminum transport in stream ecosystems is being researched by Christine Shoemaker, associate professor of environmental engineering. She is working on the development of a model that incorporates the effects of water hydrology on stream chemistry and aluminum mobilization.

TERRESTRIAL ECOSYSTEMS:

* the biological processes that take place in soil impacted by acid rain are being examined by soil microbiologist Martin Alexander, professor in the department of agronomy.

* field and greenhouse experiments on the removal of pesticides from agricultural crops by acidic rain are being conducted by Laurence Heller and Joe Osmeloski of the Boyce Thompson Institute for Plant Research located at Cornell.

* To assess possible effects of acid precipitation on forest productivity, Philip Dixon, a graduate student in ecology and systematics, is analyzing long-term tree growth records from the eastern U.S. He hopes to determine whether patterns of tree growth and mortality have changed in the past 30 years.

* the effects of acid rain and other pollutants and their influences on growth and productivity of agricultural plants is being studied by Jay Jacobson, a plant physiologist at Boyce Thompson Institute. He is also working on interpreting scientific evidence for the development of public policy.

* the influence of acid rain and ozone on photosynthesis and growth of Northeastern forest tree species are being examined by Robert Amundson and Peter Reich, environmental biologists at Boyce Thompson.

* how sensitivity of forest trees to acid rain varies throughout the Northeast is the thrust of the work being done by researcher David Weinstein in the Ecosystems Research Center.

* how environmental stresses affect forest-tree physiological processes and forest ecosystem dynamics is being pursued by forest tree ecophysiologist James Lassoie, associate professor of natural resources.

* the effects of acid rain on tree pollen is being studied by Debbie van Ryn, a graduate student in the department of natural resources.

* soil chemical mechanisms responsible for interactions between forest soils and acid precipitation as well as spatial variability of forest soil chemical properties and the fundamental chemistry of acid forest soils are the projects of Susan Riha, associate professor, and Bruce James, research associate, both in the department of agronomy.

ATMOSPHERIC PROCESSES

* high elevation forests appear to be more seriously damaged by acid deposition than lower elevations. In an effort to find out why, Gene Likens, adjunct professor of ecology and systematics, is collecting cloud water chemistry data from several sites around the U.S., including Alaska and Hubbard Brook, New Hampshire.

* particulate aerosols in the atmosphere, which lead to "dry" deposition, are being studied by Thomas Butler, a researcher in ecology and systematics. He is trying to characterize mineralogy of the dust particles to determine what effect they may have on the chemistry of rainfall.

MONITORING

* in a long-term monitoring project, Butler operates a site on Connecticut Hill (Tompkins County) which is part of the Multi-State Atmospheric Power Production Pollution Study (MAP 3S), a network of nine sites in the eastern U.S. Butler monitors the chemistry of every storm.

* the background chemistry of rain in remote areas of the world is another project under Likens. The Global Precipitation Chemistry Project, with sites primarily in remote areas of the southern hemisphere, serves to collect rainwater that presumably is unaffected by pollution. The information gathered is to serve as a comparison for rain that has become acidic because of man's activities.

ECONOMICS

* trying to model the physical and economic aspects of controlling sulfur emissions from power plants is the problem confronting Tim Mount and William Deehan, both in the department of agricultural economics. By examining in detail the utility industry in New York, which releases over half of the sulfur emissions in the State, the researchers are developing models that assess the customer costs of controlling pollution and the financial impact of reducing emissions on utilities.

COMMUNICATIONS

* a project to examine how news media coverage of research on sensitive national issues affects public perceptions has been initiated by Carolyn Glynn, an assistant professor in the department of communication arts. She will be using acid precipitation as a case study.

Acid precipitation is a complex, international issue. To understand the severity and implications of the problem requires many research projects in many fields of study.

Pseudorabies meeting

(Continued from Page A28)

Dirty boots and human skin are excellent vehicles for the disease, but the manure pit is not, said the veterinarian, who pointed out that very little virus is shed in feces.

PRV probably does not travel long distances on the wind, and ingesting the virus in drinking water is not a major factor, said Beran.

One fundamental question raised at the meeting was whether or not an eradication program would be cost effective. Simply put, would it be cheaper to live with the disease as present levels, in light of the fact that PRV has no detrimental effect on the pork products themselves?

"The question of the economic feasibility of a control program hasn't been answered yet," concluded the Iowa veterinarian, "and this is hopefully one of the answers that will come out of our pilot project."

But one strategy for dealing with PRV that has proven totally unacceptable for a number of stricken Pa. hog producers is forced depopulation with no indemnity. In response to a request from the Pa. Pork Producers Council, the Department of Agriculture's Bureau of Animal Industry has placed a moratorium on forced depopulation of infected herds until May 1, 1985. According to PPPC spokesman, John Henkel, the Bureau has asked the Council to recommend alternative methods for combating the disease.

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Irrigation system requires good planning

NEWARK, Del. – Irrigation probably has the greatest potential of any technology available today for increasing yields and improving farm income on the Delmarva peninsula. More and more farmers are putting in systems as they realize that water is their main yield limiting factor. As a result, irrigation acreage has expanded rapidly over the past 10 years.

In Delaware, for example, irrigated acreage more than doubled between 1974 and 1982, going from 19,978 acres on 154 farms to 44,668 acres on 323 farms.

Since then, according to University of Delaware extension agricultural engineer Tom Williams, approximately 10,000 more acres have been added, bringing the total to about 55,000 acres, or more than 10 percent of the state's total cropland.

Many of these newly irrigated acres are growing corn, which has become Delaware's most irrigated crop – for a good reason. Studies at the University of Delaware Agricultural Experiment Station in the 1970s showed that average corn yields more than doubled with irrigation on sandy, low water-holding capacity soils in the lower part of the state. At the same time, profits increased a whopping 639 percent. On the other hand, the studies showed that farmers growing corn without irrigation suffered a net loss one year out of every three.

Irrigation has also allowed local producers to diversify their cropping systems by growing vegetables under contract for processing.

The economics of irrigating corn have changed somewhat since then, says Williams, but not a great deal, as evidenced by the ever increasing amount of irrigated cropland.

Many farmers feel that their crop water problems will be solved just by installing a system. But successful irrigation involves more than just turning on the water. "For top yields and profits," Williams says, "you have to apply the right amount of water at the right time, without any excess to leach valuable plant nutrients, run off the field and waste energy. To maximize yields and profits you must find, develop and distribute suitable water to supplement rainfall. And this calls for proper planning."

Planning starts with the crop's water requirement and use rates, the soil's water-holding capacity, and rainfall possibilities. This makes it possible to determine maximum irrigation water needs.

Next, a water source must be found and developed to meet that peak demand. "Too many farmers order an irrigation system before developing their water source, and then end up with a system that's inadequate because sufficient water can't be found," Williams says. "Or the system they're bought is too small because more water is available than expected."

Choosing an economical irrigation system involves considering more than the initial cost. It's also necessary to match water application rates to soil intake rates, size pipe to reduce friction losses, minimize labor and maintenance requirements, and provide for peak water demands.

Drainage, if needed, comes before irrigation. Before installing a system, make sure low areas in the field drain properly or they'll become places to drown out crops or get stuck in the mud. Also clear the land first. "Too many center pivots have lost their boom ends on the first pass because a tree was closer than it should have been," says Williams.

He says farmers should be prepared to change cultural practices when they switch from dry land to irrigated farming. Varieties, plant populations, fertilizer rates, chemical application methods and pest management all will be different. This takes planning, as do harvesting and marketing the increased yields. And, of course, financing must be arranged.

"Planning for irrigation and developing a water source takes time, so start the process early," Williams concludes. "If you wait until the crop begins to wilt, you'll be about a year too late. Those who don't plan properly may find irrigating irritating. But successful irrigators will smile all the way to the bank."

Potato production up

HARRISBURG – Pennsylvania's 1984 potato production is estimated at 5,160,000 hundredweight (cwt.), a 20 percent increase from 1983, according to the Pennsylvania Crop and Livestock Reporting Service. Acreage harvested is estimated at 21,500 acres, unchanged from 1983. The average yield of 240 cwt. per acre is 40 cwt. above last year.

Total stocks of potatoes stored in Pennsylvania on December 1, 1984 were 4,050,000 cwt., 19 percent more than a year ago. Of this amount, 1,160,000 cwt., 29 percent of total stocks, were stored in processors' facilities.

Stocks are the quantity remaining in storage for all purposes and uses, including shrinkage and waste and other losses that occur after the date of each report. Stocks may also include potatoes produced in their states. Sales of fall potatoes for all purposes generally account for about 90 percent of the total fall production. Shrinkage and loss and home use account for the remaining 10 percent.

U.S. production of fall potatoes is estimated at 312 million cwt., up six percent from last and one percent above two years ago. Harvested area totaled 1.09 million acres, up four percent from last year and two percent above 1982. The average yield was 286 cwt. per acre, up six cwt. from last year's level, but two cwt. short of the 1982 record high. December 1, 1984 potato stocks totaled an estimated 201 million cwt., for the 15 states in the stocks program. This is up five percent from last year but three percent below 1982. Of the total stocks in the 11 objective yield states, 72 percent were russets, 25 percent whites and three percent reds.

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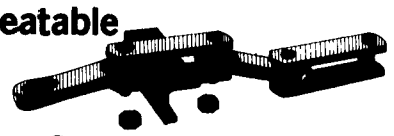

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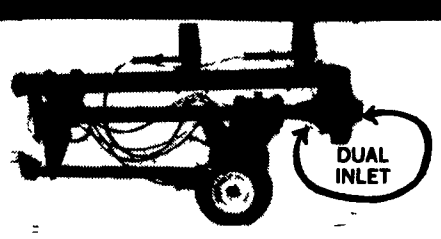

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Use records to make 1985 crop decisions

NEWARK, Del. – Nothing beats a good set of farm records. Farmers who want to make the 1985 cropping season more profitable can make important progress toward that goal by reviewing their records and doing some serious planning this winter, says University of Delaware extension agricultural agent Derby Walker.

"You have more time now to think about your operation than you will when things get busy next spring," he says. "Waiting until then to make plans can lead to mistakes in judgment."

Sound decisions in any business are based on good records. And farming is a costly business. Good managers keep records of the cropping history of specific fields–soil test results, fertilizer use, liming and pest control practices, varieties grown, plant populations and yields.

"With all this information," says Walker, "producers can compare yields from year to year and see whether they're making any progress. If there's a problem in a field and yields are going down, find out why. Sometimes the condition was beyond your control, but there may be other problems which could be corrected without spending a dime."

Crop rotation, variety selection and better equipment adjustment are three inexpensive ways to improve an operation Sometimes planting rates need to be adjusted.

Knowing the history of a field can lead to profitable decisions at planting time. For example, a number of Delaware farmers have identified cyst nematodes or fusarium wilt in their soybeans. Simply by changing varieties, some of these producers have been able to greatly increase yields. "Doing this didn't cost any more," the county agent says, "but it put additional dollars in their pocket because they were able to harvest a full crop, whereas before they were lucky to harvest half a crop."

Knowing the specific weed problems in a field makes it possible to select the most effective herbicide program for that field. Sometimes a very specialized program is needed because of a unique weed infestation. Bur-cucumber, giant ragweed, Canada thistle, johnsongrass, shatter cane, triazine resistant pigweed, Bermuda grass and cocklebur are some of the plants which require special treatment.

"For these weeds you need a control program that will prevent their spread to the rest of the land you farm," Walker says. "Otherwise the cost of your whole operation could go up. It's better to spend a few extra bucks on one field when a new weed appears them to try to control the weed after it has spread."

While reviewing production records this winter, the agent suggests farmers also take time to develop marketing strategies for 1985.

"You may want to forward price part of your crop," he says. "Watch market trends closely because there will probably be some opportunities to make a little extra money just through marketing. You can't control the market yourself, but you can choose when to sell–hopefully at a time when the price you receive covers your production costs and returns a profit as well."

"If you're getting less than average price for your grain, you definitely want to look at your marketing program because you're getting too many bottom dollars and not enough top ones," he says.

Farming is a business, and businesses must be run on second decisions, not emotions, Walker says. By taking the time to review records, farmers can improve their opportunities for increased income. "If you want help evaluating your farm operation," he concludes, "those of us in the extension service will be glad to go over it with you. The more records you have, the easier it will be to answer your questions about specific cropping programs."

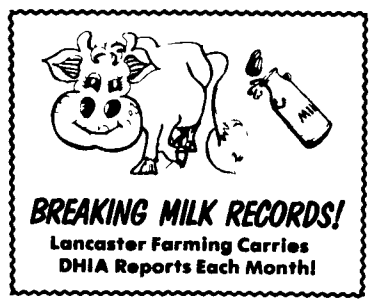
Mt. Joy shares API profits

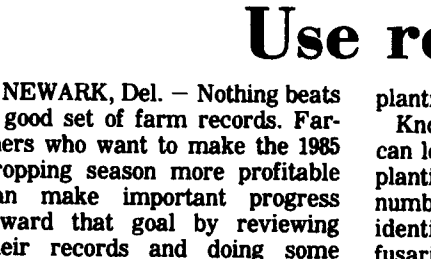
MOUNT JOY – The 100 members of the Mount Joy Farmers Cooperative Association will share a 2½ cent per hundredweight cash distribution, according to J. Ivan Hanson, assistant secretary of the Mt. Joy Co-op.

This represents Mt. Joy's share of the operating profit from the 1983-84 fiscal year of Atlantic Processing, Inc. The Mt. Joy Co-op is a member of API.

Atlantic Processing is a federation of milk cooperatives that processes and markets milk and milk products primarily in southeastern Pennsylvania.

For more information about Mount Joy Farmers Cooperative Association contact J. Ivan Hanson, Box 291, R2, Palmyra, Pa. 17078.





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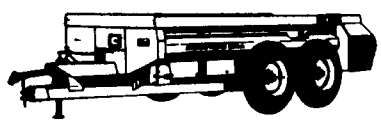

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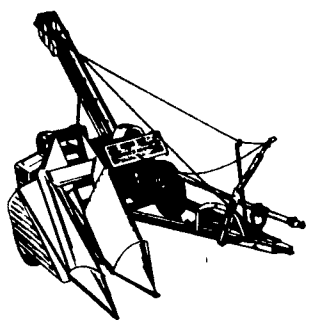

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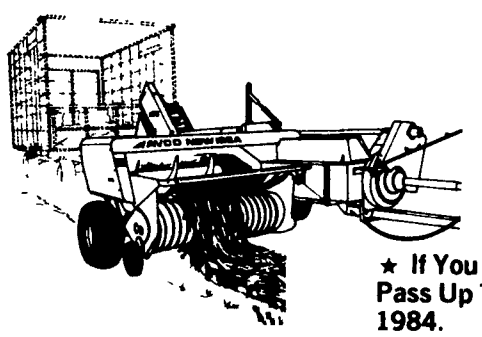

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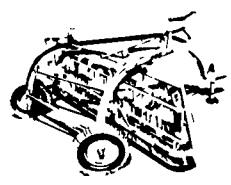

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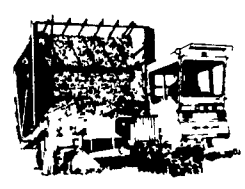

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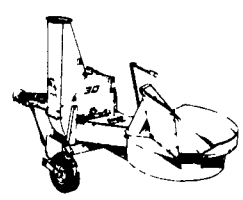

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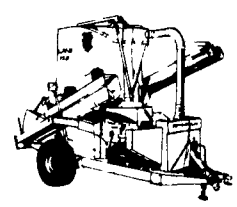

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Picking of a hybrid-from 42,000 down to 8

DE KALB, Il. — Selecting a new hybrid is serious business at DeKalk-Pfizer Genetics. In fact, it's so serious that researchers spend approximately five ot six years testing a hybrid before it receives commercial status and is ready for sale to farmers.

By the time a bag of DeKalb-Pfizer hybrid seed corn reaches your planter, it has been tested at least 218 times.

Approximately 42,000 hybrids are introduced into DeKalb-Pfizer's rigoreus testing program each year. From these 42,000 hybrids, an average of five to eight new hybrids will be chosen for commercial market entry. Those that aren't selected are discarded along the way.

"After we have discarded a hybrid, it's gone forever," says Marvin Boerboom, Research Station Manager in Olivia, Minn. "After it's been rejected, we don't want to see it again. There's no need, because we constantly are developing new hybrids to test."

The corn hybrids that DeKalb-Pfizer researchers introduce commercially endure varying environmental conditions, plant populations at least twice those farmers use, extremely early planting dates, varying seed depths, disease inoculum and assorted fertility rates, says Rick Batty, DeKalb-Pfizer Senior Research Station Manager, Madison, Wis.

"Standability, drydown and yield probably are some of the most important factors in our research programs," says Gary Stangland, DeKalb-Pfizer Station Manager in North Liberty, Iowa. "If a plant has good standability and drydown, farmers don't have to hurry to get into the field, and let's face it, no farmer's going to buy a product again that falls over in the field before it is harvested."

Hybrids advanced for testing are sent to more test lcoations each year. This process évolves in the following manner:

—Researchers introduce 42,000 hybrids that are tested at three DEKALB-PFIZER test locations.

—The next year, five test locations are chosen to retest the 5,000 hybrids that survive the previous year's elimination process.

—Researchers choose 600 hybrids of those 5,000 hybrids to be tested in 30 test locations.

—Ninety hybrids are chosen from this grouping.

They will be tested at 40 test sites.

—The group is narrowed to 30 hybrids. And, once hybrids reach this level in the hybrid testing program, they are assigned an experimental hybrid number and are tested in 40 research plots and 100 Field Analysis Comparison Trial (FACT) plots, FACT incorporates the use of tester hybrids or varieties to identify variations within a plot. And from this testing, five to eight hybrids are chosen from commercial market entry.

"The great thing about our research program is the size and diversity," says Stangland. "With the large number of researchers we have, you come up with a bunch of different approaches and concepts in testing for the same things. While I may develop a hybrid that does well in my testing situation, someone else in another research location may test the same traits in another way and find a fault, or vice versa."

"That hybrid has to do exactly what we say it is going to do in every applicable situation," says Batty. "If it doesn't, that farmer is never going to buy our product again. That is why we concentrate so much on research."

Controlling triazine-resistant weeds

CHICAGO — Farmers who think atrazine isn't delivering the weed control that it used to may be right.

More than 20 weed species in the U.S. and Canada have developed a resistance to atrazine and other members of the triazine herbicide family, according to Dr. Frank Sobotka, a Velsicol Chemical Corporation weed scientist headquartered in Canton, Ohio.

Dr. Sobotka has been researching triazine resistance in North America and several European countries. Researchers worldwide have identified as many as 40 triazine-resistant species.

Dr. Sobotka says the problem is becoming widespread in southern Ontario, and in the Mid-Atlantic, Northeast and Great Lakes states.

Dr. E. Scott Hagood, Extension weed control specialist at Virginia Polytechnic Institute and State University, attributes the spread of triazine resistance to use of triazine herbicides year-after-year in continuous corn. The problem has grown with the increase in no-till and reduced tillage practices.

"The residue in no-till and minimum tillage reduces herbicide soil contact. That makes it harder to control species like pigweed. We have a lot of no-till corn in Virginia, and triazine-resistant pigweed is the number one broadleaf problem in corn in our state," he says.

Data collected by Dr. Sobotka show that smooth pigweed, redroot pigweed and green pigweed have all developed triazine resistant strains in the U.S. and southern Canada. Smooth pigweed is the predominant triazine-resistant species in the Mid Atlantic states, infesting an estimated 123,500 acres of cropland in Maryland alone.

Pigweed and other triazine-resistant species, including common ragweed and common lambsquarters, infest nearly 600,000 acres (240,000 hectares) in southern Ontario - about 20 percent of the country's corn land.

According to Dr. Ron Ritter, University of Maryland Extension Weed Scientist, velvetleaf is also showing resistance to triazines. "Our research on triazine-resistant velvetleaf isn't complete, but we have been seeing velvetleaf withstand several times the labeled rate of triazine herbicides. For all practical purposes, it is developing triazine resistance."

Dr. Ritter adds that triazine-resistant barnyardgrass and giant foxtail have also been showing up in the northeastern United States.

Research shows that some resistant weed species may withstand 10 to 30 times recommended triazine application rates.

Control still possible

Dr. Ritter says prevention is the key to stopping the spread of triazine resistance.

Resistant weeds often first appear in end rows and along edges of a field. From there they spread to other areas of the farm or field by harvest equipment, spreading manure and seed reproduction. Sanitation is important and machinery should be cleaned between fields to avoid spreading seed. Farmers should avoid spreading contaminated manure in clean fields, he adds.

"Farmers should also rotate crops and herbicides," he says. "Herbicides from the same family shouldn't be used every year, and escape weeds should be controlled with cultivation and early postemergence herbicides with a different mode of action than the triazines."

He says that translocating herbicides, such as Banvel, offer economical control.

Virginia's Hagood agrees, adding his research shows that the best control can be achieved by using an acetanilide such as Dual, for preemergence control of grasses, followed by an overlay of Banvel herbicide or Banvel plus Dual for controlling triazine-resistant pigweed. The Banvel overlay will also help control other annual broadleaves and perennial broadleaf seedlings.

"Since cultivation isn't really an option in no-till or minimum tillage, the early postemergence herbicide application is especially important," adds Dr. Hagood.

Dr. Sobotka says Banvel is labeled for up to one pint per acre applied as an overlay to a grass herbicide when corn is from spike to five inches tall. In Canada, up to 1.5 liters can be applied to corn from the time of emergence until it is 15 centimeters tall. Rates may vary for specific soil types and the amount of crop residue or organic matter on the surface. It can also be combined with Dual to broaden the spectrum of control.

Dr. Ritter emphasizes that rotating herbicides within the triazine family won't work. "Research shows that when a weed develops a resistance to one member of the triazine family, it is resistant to all of them," he says.

Triazines include: atrazine (AAtrex, Atranex, Griffex), simazine (Princep, Simanex), cyanazine (Bladex) and the asymmetrical triazine metribuzin (Sencor, Lexone).

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Farm Talk

by

Jerry Webb

Is it worth the investment to try to convince consumers to eat certain food items? Obviously, the big food companies like General Goods and Standard Brands are sure that they can spend big bucks and get consumers to buy almost any food product. But can farmers' associations and commodity groups do anything about consumer acceptance of their farm products? Some folks are betting that they can.

Dairy farmers are putting money into a national effort to convince consumers that milk is a nutritious, wholesome product well worth the price. They're not trying to sell brings, just the idea of drinking milk.

In Ontario, Canada, the Ministry of Agriculture and Food is spending lots of money promoting Ontario farm products. Those folks are reaching Ontario consumers in a variety of ways through their Foodland Ontario promotion and the accompanying slogan, "Good Things Grow In Ontario."

The whole campaign is pitched at one simple point – encouraging Ontario consumers to eat Ontario-grown farm produce. The ministry isn't wasting any money chasing after the export market or trying to get its produce shipped into other provinces. It simply wants the home folks to eat home-grown food.

Here's how the ministry spells out the problem. "Canada produces a wealth of food products, and can produce even more. In spite of this we continue to import more and more food.

"Since 1971 the volume of food imports into Canada has increased by 90 percent. And over 50 percent of our imports are products which can be produced in Canada.

"These imports are frequently more costly than our own products. They are also a threat to Canadian employment. The Canadian Food Processors Associations has estimated that imported processed fruit and vegetables alone cost Canada more than 14½ million man-hours of Canadian labor. This amounts to a wage loss of close to 65 million dollars."

With that as a basis, the ministry set out to do something about it, because Ontario is Canada's largest agricultural producer, and thus the area that would be hurt most by imported foods.

All they're asking Ontario consumers to do is to buy Ontario products whenever possible. To encourage this, a variety of campaigns have been mounted under the overall banner of the Foodland Ontario program. The Foodland Ontario symbol and the slogan "Good Things Grow in Ontario" were developed to identify Ontario food products. And according to the Ministry of Agriculture and Food literature they are increasingly seen on retail food store price cards and shelf strips. And they appear more and more on packaging and on con-

[illegible] material from many Ontario producers, processors and retailers.

Along with this, Foodland Ontario has mounted an extensive advertising campaign to promote the symbol and a wide range of Ontario grown food products.

The campaign has two basic messages. First to make people aware of the wide variety of top quality food products available in Ontario, and secondly, to remind consumers that buying Ontario food products is important to help keep the province's economy strong. To do this, Foodland Ontario uses television, newspapers, billboards, transit and mall posters, and almost anything else that will help tell the story.

The advertising effort is backed up with a variety of other services, including a program to reach the important restaurant and institutional market, a program to help agricultural producer groups with market development, and a promotion and public relations campaign that supplies the media with information about production and marketing and the use of Ontario food products. That includes recipes, photos and point-of-purchase material.

Since its inception the Foodland Ontario symbol and message has become widely known. Market research shows that nine out of 10 Ontario women support the effort to encourage the purchase of Ontario produced foods. And sales of Ontario agricultural products have shown spectacular gains. Another recent survey reveals that more than half of all consumers are aware of the Foodland Ontario symbol and what it means.

So what does all of this mean for Delmarva farmers and consumers? Well, it seems to me good things also grown on Delmarva, and a lot more good things could grow if there were good markets for them. And maybe consumers could benefit through a broader range of local produce that would be fresher, of higher quality, maybe even more economical.

How about some effective local promotion to make sure Delmarva residents are aware of the local food products available to them?. Then they must be able to go into the stores and find those products readily identifiable.

More than 15 years ago, I suggested that the Delmarva Poultry Industry Association experiment with marketing Delmarvalous chicken. It was my contention that there was an identifiable product there and that at least local customers, if not regional and national, could be convinced to buy home-grown poultry. I was told back then by industry insiders that it wasn't a good idea. That you couldn't brand label chickens and make the effort worthwhile.

Well, the Delmarvalous chicken label never made the supermarkets, but some others did and the concept has been proven correct. You can sell brand labeled chicken. In fact, you can sell brand labeled almost anything if it's a good product and if it's properly promoted.

So why not promote Delmarva grown food products so at least local consumers will know they're getting local produce?

MMI gives equity refunds

STRONGSVILLE, Oh, – More than $1.5 million of equity refunds will be returned to the dairy farmer members of Milk Marketing Inc. (MMI) during the month of December, according to Don Schriver, director of membership relations and public affairs for MMI.

The board of directors has approved the cash returns to the members at the recently held board meeting in Strongsville, OH, home office location of MMI.

"With this refund for 1984 the total redemption from MMI to its members will be more than $13 million since MMI was organized in 1978," said Schriver.

The current redemption will be to members and inactive former members who had been with the Central Ohio Cooperative Milk Producers, MILK, Inc., Cincinnati Cooperative Milk Sales Association Inc., and Wayne Cooperative Milk Producers Inc. under a plan developed before the 1978 merger. All equities with the total value of over $18 million from the predecessor cooperatives will be redeemed by 1988, according to Schriver.

"This is in line with board policy to have a 10 year revolving plan for member financing of the cooperative. The ability to redeem member equities is the result of MMI's commitment to keep the ownership in the hands of the users. Redemptions are paid 100 percent in cash," explained Schriver.

MMI is a 9,000 member dairy farmer owned cooperative encompassing an eight state midwestern area including Ohio, Indiana, Pennsylvania, Michigan, New York, Kentucky, Maryland and West Virginia. Last year MMI marketed more than 4.7 billion pounds of milk.

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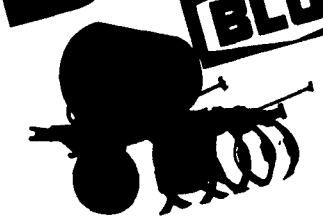

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Farmland Preservation

Honey precautions reported

HARRISBURG – With more than 500,000 pounds of honey allocated for pre-Christmas distribution under the Temporary Emergency Food Assistance Program, the state Agriculture Department is reminding families that the honey is not being recommended for use in foods for infants under one year of age.

Deputy State Agriculture Secretary Michael L. McGovern said that the Center for Disease Control (CDC) has conducted research on infant botulism and found an association with eating honey in some reported cases. "Although the CDC reported many children with the illness had no history of honey ingestion, we have issued this advisory as a simple precaution," he said.

Infant botulism, a recently recognized form of botulism affecting only babies less than a year old, results when spores of the bacteria Clostridium Bolulinum multiply in the intestines producing botulinal toxin. Classic botulism can only be acquired by eating foods containing the preformed toxin.

The spores of this bacteria exist virtually everywhere in nature, and are found in house dust, soils, honey, syrups, and a variety of foods, according to CDC.

Distribution of honey through the Temporary Emergency Food Assistance Program began in September, 1983 after Commodity Credit Corporation purchases of the commodity increased dramatically. Since then, Pennsylvania's needy families have received more than 6.7 million pounds of U.S. government surplus honey through the program.

Honey is an easily digested source of carbohydrates, and is assimilated by the body to provide energy in minutes. Pure honey never spoils, and should never be refrigerated. If honey granulates, it can be reliquified by heating gently.

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No-Till Conference

(Continued from Page A24)

Hartwig pointed to hemp dogbane and horsenettle as two of the more common perennials, and noted that pokeweed rarely appeared in croplands before the advent of no-till farming. Hartwig also listed a number of woody perennials as problem weeds in no-till systems including honeysuckle, multiflora rose, poison ivy, Virginia creeper, the sumacs and wild rose and grape.

The best way to control the tough perennials, according to Hartwig, is through application of higher rates of systemic herbicides between crops. If land is taken out of production, this is a prime time for mounting an attack against these tenacious weeds, according to Dr. Hartwig.

The morning's final speaker was Douglas Beegle of Penn State, with a presentation on starter fertilizers for no-till corn. Beegle pointed out that banding a small amount of fertilizer near the roots at a rate of about 100 to 300 pounds per acre will stimulate early growth. He said that the procedure is well suited to no-till farming where soils are typically cooler and wetter than in conventional tillage.

Fertilizers should contain a high ratio of water soluble phosphate and should be combined with ammonium nitrogen.

Three application alternatives include: 1. At seed depth and two inches to one side. 2. Dribbling over rows. 3. Placing fertilizer in the seed hole as a pop-up at a rate of less than 50 pounds per acre to avoid over-application.

This year's conference also featured a record number of commercial exhibitors, with 59 agriculture-related sponsors participating.

Next year's no-till conference will be held at the Maryland State Fairgrounds in Timonium.

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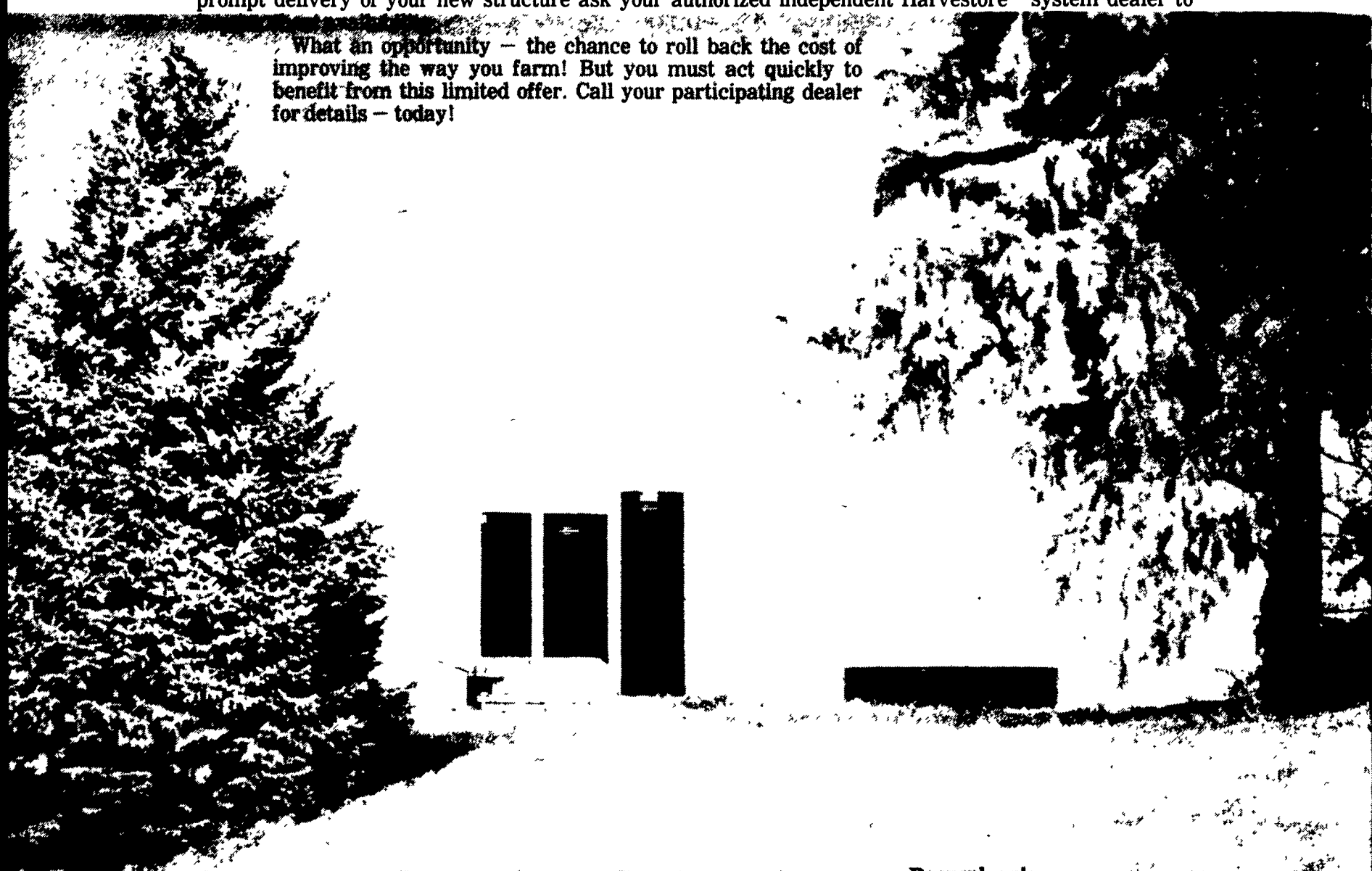

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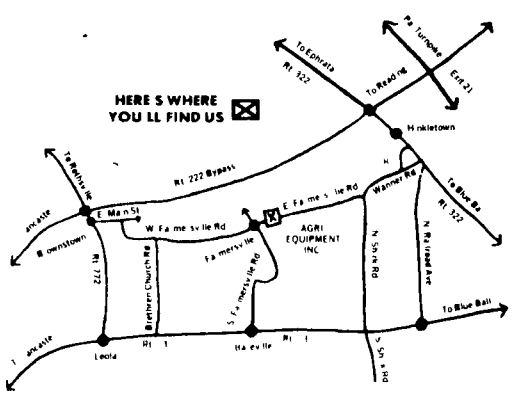

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Making Christmas candy is a Gingrich family tradition

BY SALLY BAIR
Staff Correspondent

SILVER SPRINGS — "This is tradition. This is part of Christmas." These are the words Ann Gingrich Martin, R 2 Mount Joy, uses to describe the Gingrich family's tradition of getting together to make Christmas candy, most of which is shared with friends and neighbors.

It is a 42-year-old tradition which began when Blanche Gingrich, R 3 Mount Joy, began making candy with her mother as a teenager. She recalls that they used about 50 pounds of chocolate and dipped the centers in the melted chocolate using toothpicks.

Now a dairy farm wife, Blanche continued the tradition after her marriage and the seven children became a part of it as they grew up. Daughter Ann says, "I've been doing it all my life." Daughters-in-law and grandchildren gradually became part of the candy making process, and it is now a firmly held tradition.

The number of people actually working on the project each year varies depending upon which spouses and which grandchildren can come, but the tradition remains the same. In addition to turning about 50 pounds of chocolate into delicious confections, the family uses the day as a time of fellowship. It is a time to exchange family news, catch up on activities of growing families and make plans for the annual Christmas gathering. They share the work and the results equally, and once the candy is boxed, the sharing continues as friends and neighbors receive the lovingly prepared boxes of candy.

Blanche says, "We use the candy mostly for gifts, for school teachers, mailmen, neighbors, and we use it for Christmas dinners." Ann adds, "It is the neatest gift to give to someone you don't know what to get." Because most people don't make their own candy, the homemade gift has special appeal.

This family group works around the kitchen table, making chocolate candy to give to neighbors and friends. From left are: Ann Martin, Michelle Gingrich, Marian Gingrich, Yvonne Gingrich, Angie Gingrich, Esther Gingrich, and Blanche.

Marian and Esther work together in producing peanut butter cups, a fairly recent addition to the wide variety of favorites. The secret to the success of this candy is adding peanut butter to the chocolate coating for better flavor.

This year the group numbered five adults and three young children. Most of the nine grandchildren are in school which means the work day is shortened so mothers can beat the bus home, but is is also somewhat easier. Ann says, "There was a time when the children were all here. It didn't go nearly so well."

In addition to Blanche and Ann, there were daughters-in-law Esther, who lives near Silver Springs and whose kitchen served as the focal point of activity; Marian, Mountville; and Yvonne, Newmanstown. Marian's daughter Michelle, 4, helped make some of the candy, as did Yvonne's Angie, 2½. Yvonne's six-month-old daughter Julie did her part by napping through the major portion of the day.

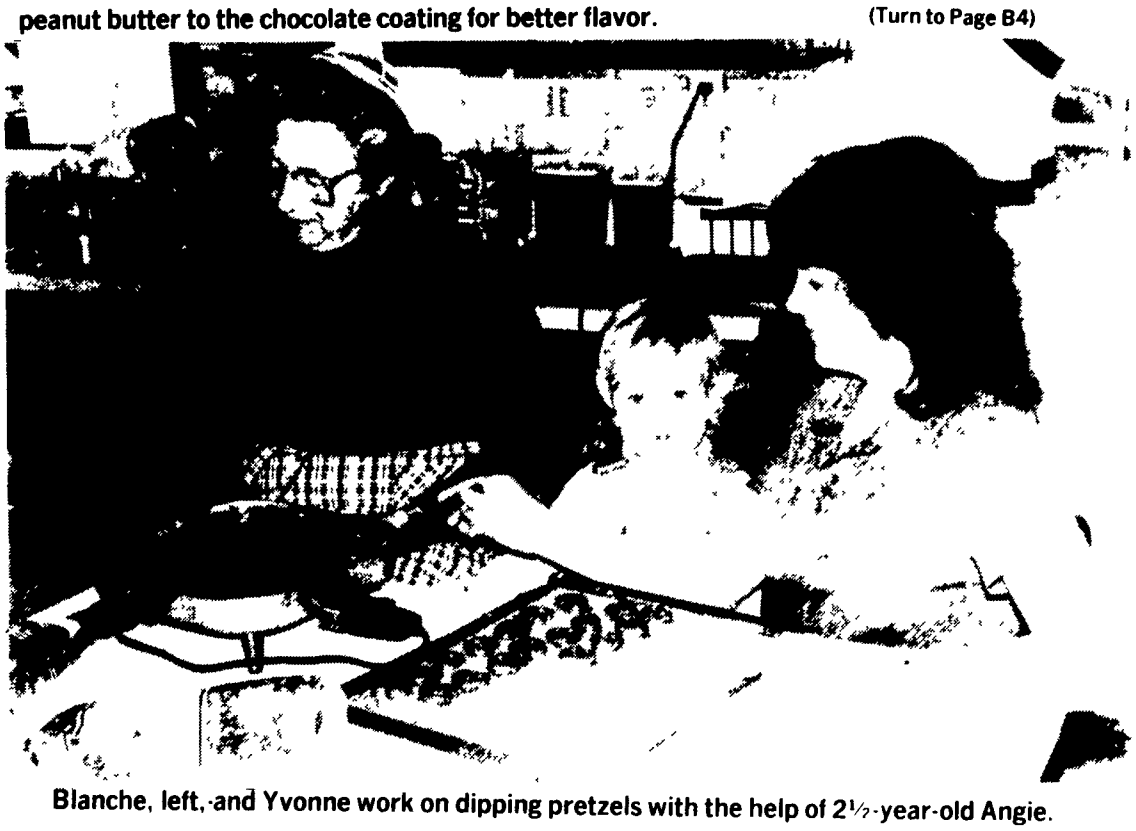
Esther is the only one of the group who says she likes to make candy at Easter as well. Marian says, "I never make it through the year. I wouldn't do it on my own."

They make a wide variety, including peanut butter cups and creams, mints, "bulls-eyes," chocolate covered nuts, pretzels, graham crackers and animal crackers. They also make pecan logs, which feature a creamy center covered with caramel, and individual caramels. Once the dipping is completed, they make peanut and raisin clusters, and occasionally improvise and add rise krispies and coconut to the extra chocolate.

Some changes have been made over the years to streamline the work so they are not still making candy at 8 p.m. Although Blanche always made fondant centers, adding nuts, mints, coconut and

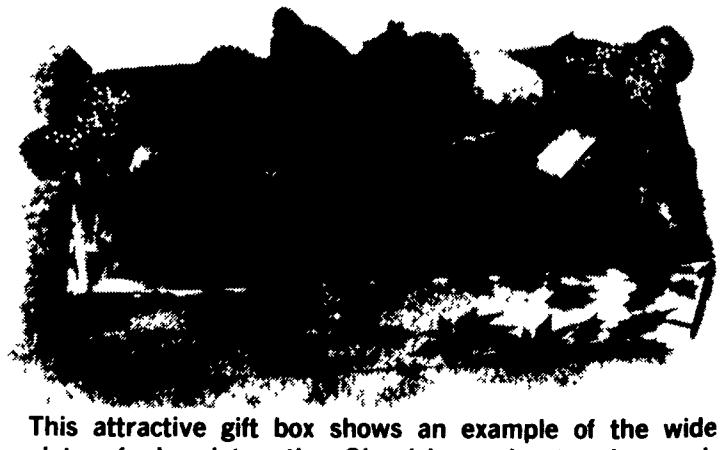
(Turn to Page B4)

The chocolate which remains in the frying pan is used up by adding raisins or peanuts and making clusters, a welcome addition to the variety of chocolates and an easy way to use up the last bits of chocolate.



Blanche, left, and Yvonne work on dipping pretzels with the help of 2½-year-old Angie.

Homestead Notes



This attractive gift box shows an example of the wide variety of chocolates the Gingrichs make to give each Christmas. The gifts are given to friends, neighbors and family.

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Family tradition

(Continued from Page B2)

other goodies, they no longer make the fondant base. Blanche explains, "It's the hardest to do and the kids say it is too sweet." She continues to make it at home, however. They have also dropped fudge as a group endeavor, and though chocolate covered cherries remain everybody's favorite, they didn't make any this year because the quality has not been top-notch.

To save time when they are together, this year they prepared the molded fillings at home, and did only the dipping as a group. Blanche also made the caramels at home, a process which requires two hours of slow cooking and much stirring. Once the cooking is done the candy must be put in a jelly roll pan to harden. Later it is cut in squares and individually wrapped.

The coating chocolate is purchased locally in 10 pound blocks. This year they used 40 of the 50 pounds they had purchased. The melting is done in electric frying pans. Blanche explains, "We used to melt the chocolate over water on the stove, and sometimes we melted it in the oven. Now we do it directly in the frying pan. It must be kept at the lowest temperature, not over 115 degrees. If it gets too hot, it gets white."

Esther points out, "Once it gets too hot it is never the same. You can add vegetable oil, and that helps."

They have made the candy in various homes over the years, and used to do it at Blanche's farm, but worried about the cats enjoying the chocolate when they put it outside to cool. At Esther's home they set up tables on the porch and cooled it quickly and easily, but this year the weather was too warm and damp to do it outside. So, it was carried to a cool basement room and placed on waxed paper on the floor. Esther's home is also more interesting for the children who were along because she still has plenty of children's toys from her own three children.

The groups works well together, each woman performing her task and moving on to the next one to keep the work moving steadily. The only break in the constant dipping comes at lunch when Esther grills hot dogs and a brief lunch is eaten. She says they used to make a complete meal, often featuring a hearty soup, and sometimes they brought bag lunches, but now they try to keep it very simple and devote the time to the candy, not to eating.

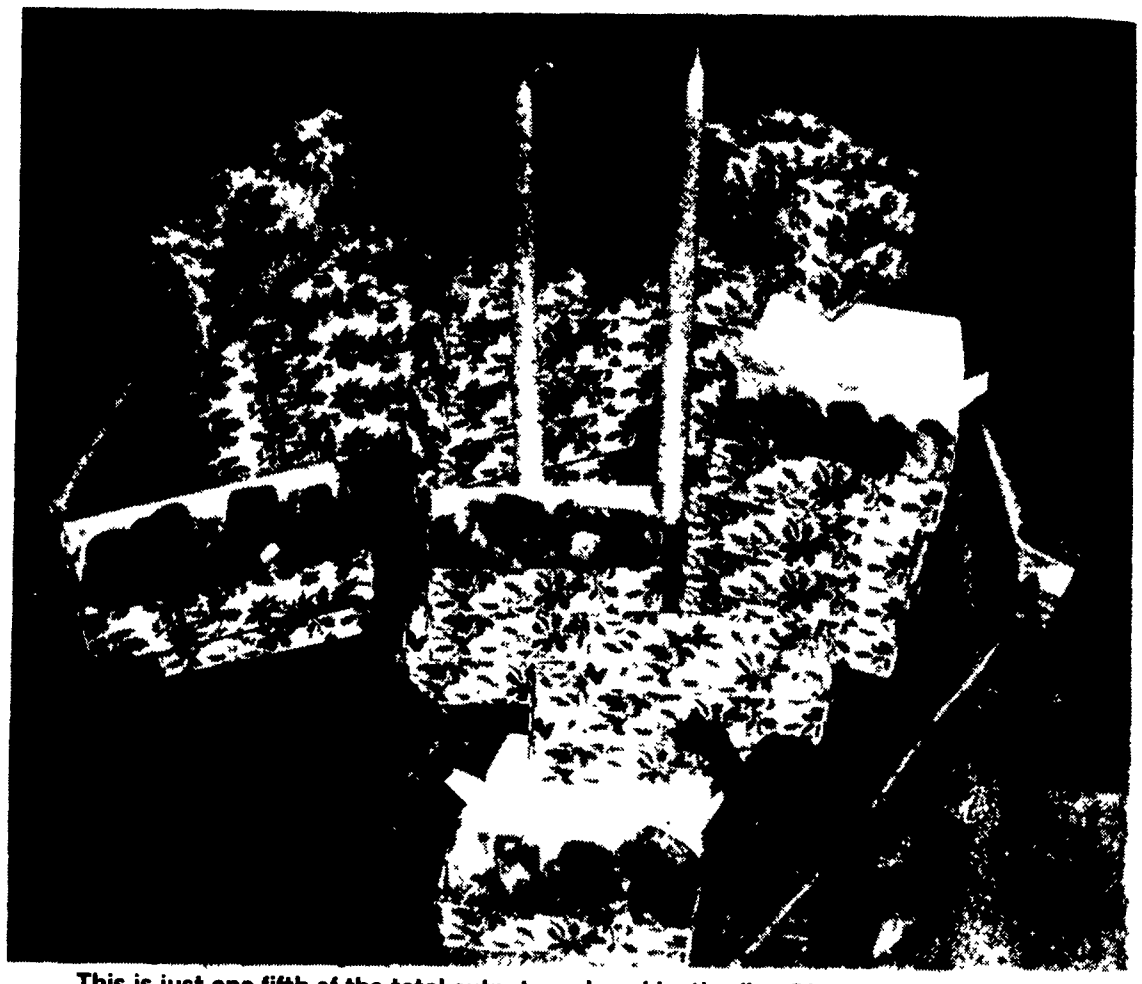
As they turn out tray after tray of chocolate, it looks like an easy job. Esther laughs, however, and says, "Not everything always turns out. We have had granulated fudge and cherries that bleed through the chocolate." Ann adds, "We're learning as we go along."

Ann continues, "There were a few calamities. Once a kid tripped on a cord and spilled a pan of chocolate, and one year a dog ate all the caramels!"

The women also jokingly say, "We eat our mistakes." Ann says, "Almost every year we try something new." Last year it was peanut butter cups, which they worked with until they got the best flavor. This year they added the small square of graham cracker dipped in chocolate. During the day they tried spreading small wheat crackers with peanut butter and dipping them in chocolate, but the taste testers rejected it for this year. Another change is that they now use just milk chocolate, not dipping any of the candy in dark chocolate.

The absent chocolate covered cherries remain everybody's favorites, followed by peanut butter cups and peanut butter creams. As Ann says, "We never have any problem giving it away. No one has ever refused." Indeed, Blanche says, "People like to have our children in class." She adds, "When people taste it they want to buy some. We could go into making candy full time with no problem." But no one is interested in that; this candy making is strictly for pleasure.

Blanche does recall that when more of her children were home, the youth group from their church Landisville Mennonite Church, would gather in her kitchen to make chocolate to fill the 200 pounds of orders they would take.



This is just one fifth of the total output produced by the five Gingrich women on their candy-making day. The final product is boxed in half to one pound boxes, making a welcome gift for anyone on the gift list.

The family has another tradition with their candymaking - each year they invite an outsider who has expressed interest in the project to help make the candy. Esther says, "We know it is unique, and we like to share it."

These relatives enjoy getting together at other times of the year as well, often going on family camping trips and other outings.

When the day is through, the happy women return home with their hands full of candy, and their hearts full of sharing. This year each participant received about 20 pounds of candy, neatly boxed in one-pound and ½-pound boxes, ready to fill all their Christmas lists.

Christmas is truly a time of giving and sharing, and this "sweet" tradition of the Gingrich family carries out that spirit.

MPPA Pork Cook-Off scheduled

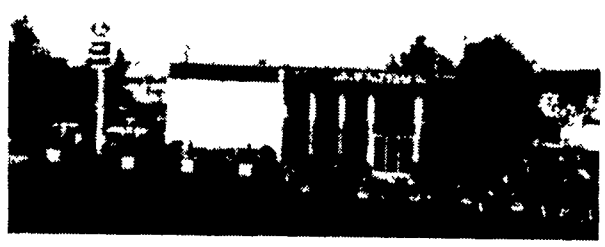
GAITHERSBURG, Md. — The Maryland Pork Producers Association is holding a "Your Favorite Pork Recipe Cook-Off" contest in conjunction with its annual Membership Meeting on Jan. 18 and 19, at the Montgomery County Fairgrounds in Gaithersburg.

The two top recipes will be selected from all submissions, and the ladies who submitted them will be asked to come to Gaithersburg on Jan. 18 to participate in a Pork Cook-Off held at 2 p.m. in the Fairgrounds' Commercial Building. The Cook-Off winner will receive a cash award of $250, with the second-place finisher receiving $100.

All farm wives and daughters are encouraged to enter.

Send all recipes to Mr. and Mrs. George Lechlider, 21419 Montgomery Ave., Laytonsville, Md. 20879. Phone: 301-869-1844.

Seasons Greetings



One of the Joys of the Holiday Season is the opportunity to say

THANK YOU

We wish you and yours a holiday season filled with happy hours. And a 1985 New Year filled with happy days.

Paul S. Schaeffer, Marion M. Boyer, Ray W. Horton, Allan R. Herr
John H. Kauffman, Robert E. Kreider, Craig Boyer, Ruth Ann Graff
Daniel Martin, Danny Graff

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On being a farm wife - And other hazards

Joyce Bupp

You'll find it in the simplest things. It transforms them from the mundane to the magical.

Love. This is the season for it.

There it had stood, just a plain old cedar tree, an overgrown weed for all it was worth. Growing on the pasture bank, it likely had sprouted years ago from a seed, borne by the breeze or a bird. Among rocks and clay subsoil, exposed to the hog summer sun and winter's icy blasts, the seedling had emerged, tough, and grew defiantly against all odds. Unnoticed. Unwanted.

Then, the pre-teener, ax in hand, undertook a mission to gather the tree. About 15 feet of it. To surprise us when we arrived home after a brief business trip. Overwhelming in size, the trunk had to be cut - and cut again - to squeeze under a seven-foot ceiling.

Together, he and his sister rummaged through the attic to find the jumble of ornaments, carted them down and dressed the tree in fitting glory. To surprise us.

This is love.

Cookies. The same varieties we devour year round - chocolate chip, molasses, drop sugar. But at this season, bits of red and green cherry, sprinklings of nuts, or dustings of brighly-colored sugar add a festive feeling. Sure, it takes a couple of extra minutes. But all over the country, cookie bakers grab precious moments from packed days to add these special touches.

This, too, is love.

Packages. Shopping. Cards. Letters. Sharing with those we don't remember as often as we would like. Somehow, more moments are stretched to the limit, as friends pause to renew old ties of warmth. Love, reaches out to others, across the miles.

A child, carefully empties a jangling piggy bank and earnestly counts out pennies, dimes, quarters. And counts them again. Then, clutching this hoard tightly in a closed fist, he agonizes at length how to stretch this small cache to cover remembrances for his special people.

It matters not what comes in those smudged packages, a jumble of crinkled red and green patterns, tape attached at awkward angles. Size, color, shape, smell - or fancy wrappings - are irrelevant compared to the real contents. Love.

Even the most simple, basic part of our own farm business, for one brief night, takes on a new meaning. For it was there - in a barn - that this all began.

Did the cattle somehow know to low more softly that night, the ewes to call more quietly to their lambs, so as not to wake Him?

Did kittens curl into balls in other nearby mangers, to keep silent vigil with donkey stablemates and ragged shepherds?

Did His mother brush wisps of hay from his swaddling clothes, and find comfort in the meek solace offered by cobweb-hung dusty barn beams that kept out the chill night air blowing in from distant hills pastured with flocks?

It, too, was a place transformed from the mundane - a simple barn - to a place of magic, a magic that still reaches around the world, even today.

All through a gift of love.

May that love reach out to you and yours, and bring to each of you the blessings and peace that is Christmas.

From our house to yours, Merry Christmas!

Deadline nears for recipe contest

HERSHEY — The 1985 Pennsylvania Apple Recipe Contest will be held at the Hershey Convention Center, Hershey, on Jan. 29, 1985.

All entries must be postmarked no later than Dec. 31. Any Pennsylvania resident 18 years or older, without a professional food status, is eligible to enter. Each contestant may enter only one recipe with the contestant's full name, address, zip code and telephone number with area code.

Any recipe using apples or apple products may be entered in the contest. The dish must contain a minimum of one cup of apples or apple products.

Garnishes on the dish are permissible and, when used, should be included in the recipe. Accessories such as placemats, flowers and figurines are not allowed.

The apple dish must be prepared according to the recipe submitted. The recipe must be specific, with no use of brand names, and must state the number of servings and approximate preparation time.

The apple dishes will be judged as follows: taste, 40 points; ease of preparation and practicality, 20 points, originality, 20 points, and appearance, 20 points.

All recipes become the property of the Pennsylvania Apple Marketing Board.

All finalists will be reimbursed for round-trip mileage and will be given a complimentary luncheon at the Hershey Motor Lodge.

Prizes are as follows: first prize, $200; second prize, $150; third prize, $100; fourth prize, $75; honorable mention winners, $50.

Send recipes to Apple Recipe Contest, 2301 North Cameron Street, Harrisburg, PA 17110.

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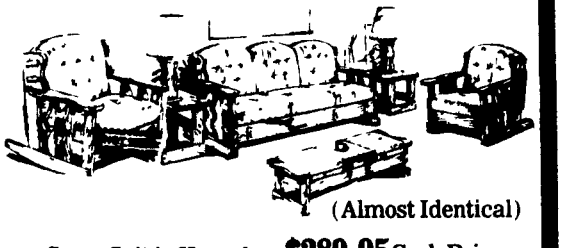

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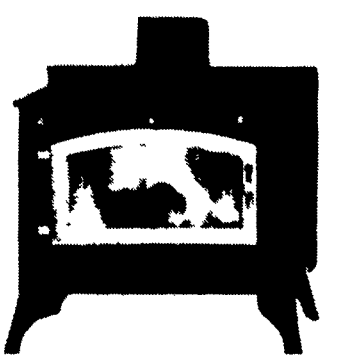

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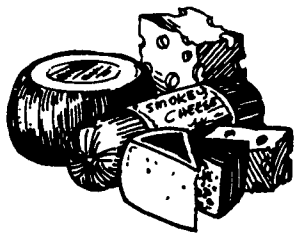
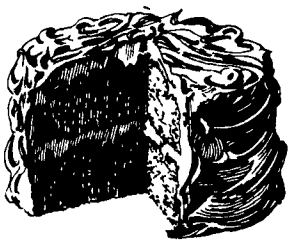


Home On The Range



Beverages complete the party menu

Parties and entertaining take a front seat this time of year and beverages are an essential part of any party menu.

Whether you elect to serve hot or cold drinks or a combination of both, we have lots of ideas to share with you. Please your holiday guests with a steaming mug of hot chocolate or surprise them with frothy milk shakes.

Give traditional eggnog a new twist with a just a hint of peppermint, or serve it just plain.

PEPPERMINT EGGNOG

3 quarts dairy eggnog
¾ teaspoon peppermint extract
Whipped cream
Crushed peppermint candy

Combine dairy eggnog and peppermint extract. Garnish with whipped cream and crushed peppermint candy.

PUNCH

4 6-ounce cans pineapple juice
1 cup lemon juice
5 cups water
1 cup sugar

Mix all together. Slice 3 or 4 oranges and put in punch for garnish.

Betty Biehl
Mertztown

CRANBERRY PUNCH

2 quarts cranberry juice
1 quart apple juice
1 quart club soda
1 quart vanilla ice cream

Mix all together in a large punch bowl. Top with a frozen cranberry ring and sprigs of mint. Serves 25.

GOLDEN PUNCH

5 bananas (mashed fine)
1 16-ounce can frozen orange juice concentrate
1 46-ounce can pineapple juice
¼ cup lemon juice
4 cups sugar
2 quarts water
2 (2-liters) ginger ale

Combine sugar and water. Bring to a boil, cool. Combine all ingredients and when ready to serve add the ginger ale and ice. Makes approximately 50 5-ounce cups.

Mary Weaver
East Earl

CHOCOLATE ORANGE MILK SHAKE

3 cups chilled chocolate milk
2 pints orange sherbet
½ cup whipping cream, whipped
Cinnamon, optional

Place chocolate milk and 1 pint of sherbet in blender container; cover. Blend until smooth and frothy. Pour into 4 chilled 12-ounce glasses. Top each drink with a scoop of remaining sherbet and a spoonful of whipped cream. Sprinkle with cinnamon, if desired.

PENNSYLVANIA MILK PUNCH

2 cups milk
1 cup vanilla ice cream
1 pint lime sherbet
1 cup lemon-lime soda

Mix above ingredients in blender until frothy. Serves 6.

A steaming mug of hot chocolate is a welcome addition to any holiday party menu.

HOLIDAY PUNCH

6 46-ounce cans red Hawaiian punch
3 packages orange Kool-Aid
1 32-ounce can Chill 'n Ripe
1 2-liter bottle ginger ale

Mix Kool-Aid according to directions. Mix Chill 'n Ripe as directed. Add both with the Hawaiian Punch. Chill until ready to serve. Then add the ginger ale and ice. Makes 100 to 120 5-ounce servings. In some places Chill 'n Ripe is not available. A good substitute is Seabrook Farms Fruit Punch. For small family size portions use. 2 punch
1 Kool-Aid
1 12-ounce frozen Five Alive fruit punch
1 quart ginger ale

Mary Weaver
East Earl

BANANA SPLIT SHAKE

1 cup well-mashed ripe bananas (about 2 medium bananas)
2 cups chilled chocolate milk
1 quart vanilla ice cream
Chocolate curls, optional
Banana slices, optional

Place banana, chocolate milk, and 1 pint of the ice cream, cut into cubes, in blender container; cover. Blend until smooth and frothy. Pour into 4 chilled 12-ounce glasses. Garnish with chocolate curls and banana slices, if desired.

FROZEN CHOCOLATE MALTS

3 cups chilled chocolate milk
½ cup malted milk powder
1 quart vanilla ice cream, cubed
Whipping cream, optional

Place milk, malted milk powder and 1 pint of the ice cream, cut in cubes, in blender container; cover. Blend just until combined. Add remaining ice cream; blend until combined. Pour into 4 chilled 12-ounce glasses. Freeze about 30 minutes, or serve immediately, plain or topped with whipped cream.

MEXICAN CHOCOLATE

3 ounces unsweetened chocolate
½ cup sugar
3 tablespoons instant coffee
1 teaspoon cinnamon
½ teaspoon nutmeg
¼ teaspoon salt
1½ cups water
4 cups milk
Whipped cream

In large saucepan, heat all ingredients except milk and cream over low heat, stirring until chocolate is melted. Heat to boiling; reduce heat and simmer 4 minutes, stirring constantly. Stir in milk, heat over low heat, stirring occasionally. Beat with rotary beater until foamy Top servings with whipped cream

SPICED COFFEE

4 cups water
2 tablespoons brown sugar
Four 3-inch cinnamon sticks
Peel of 2 oranges
½ teaspoon whole allspice
2 tablespoons instant coffee

In saucepan, combine all ingredients except coffee; heat to boiling. Strain; pour liquid over coffee in heatproof container Stir until coffee is dissolved.

Treat your guests to scrumptious milk shakes, a delightful change from typical party fare.

TOMATO JUICE COCKTAIL

3½ cups chopped tomatoes
½ cup water
1 slice onion
1 stalk celery, chopped
1 teaspoon dry basil or 1 sprig fresh
4 sprigs parsley
1 teaspoon salt
¼ teaspoon paprika
½ teaspoon sugar

Cook tomatoes, water, onion, celery, basil and parsley gently together for 30 minutes. Strain and season with salt, paprika and sugar Bring to boil and put in jars.

Eva Southard
Glen Rock

FRENCH CHOCOLATE

⅓ cup semisweet chocolate pieces
¼ cup light corn syrup
3 tablespoons water
½ teaspoon vanilla
1 cup chilled whipping cream
4 cups milk

Heat chocolate pieces, corn syrup and water over low heat, stirring until chocolate is melted and mixture is smooth. Stir in vanilla; chill.

In chilled bowl, beat cream until stiff, adding chocolate gradually; beat until mixture mounds when dropped from spoon. Heat milk (do not boil). Fill cups ½ full with cream mixture; fill cups with warm milk and mix.

INTERNATIONAL COFFEE

In heatproof container, mix ⅓ cup instant cocoa mix and ¼ cup instant coffee. Pour in 4 cups boiling water; stir. Top each serving with sweetened whipped cream.

EGG COFFEE

Heat 6 cups water to boiling Beat 1 egg and 2 tablespoons water; stir 2 tablespoons egg mixture into ¾ cup ground coffee Add enough cold water to completely moisten grounds; pour into boiling water. Heat to rolling boil Remove from heat; add dash of cold water Strain.

PEACH SHAKE

1 10-ounce package frozen sliced peaches in syrup, thawed
1 pint vanilla OR peach ice cream
2 cups cold milk
Peach ice cream

Beat peaches and ice cream with a mixer or a blender. Add milk Whip just until foamy Top each serving with a scoop of ice cream, if desired. Serve immediately

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P O Box 366, Lititz, PA 17543.

December	
29	Perfect Pies
January	
5	Low-Calorie Dishes
12	Low-Cost Meals

Featured Recipe

This week's featured recipe comes from Blanche Gingrich, a dairy farm wife from R3 Mount Joy Every Christmas Blanche and her family enjoy getting together to make candy to give as gifts to family and friends

Blanche's fudge recipe below has been in her family for many years, and has been a favorite for just as long To learn more about Blanche and her family's candy making ventures, see page B2

Chocolate Fudge

4½ cups granulated sugar
14 ounces cream
¼ pound butter
1 pint marshmallow creme
2 teaspoons vanilla
1 pound milk chocolate

Mix sugar and cream, and boil for 9 minutes Remove from heat and add other ingredients Pour into 9 x 13-inch buttered pan and cool

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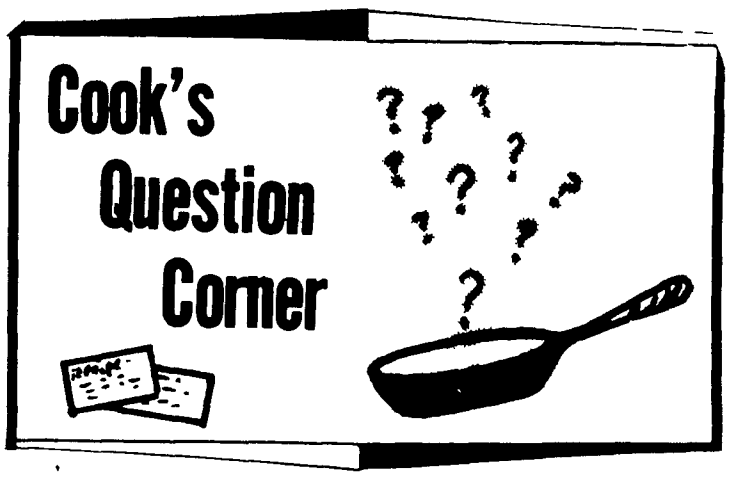

QUESTION - Barbara Elliott, Lancaster, would like a soft sugar cookie recipe made with brown sugar and buttermilk.

QUESTION - Mrs. Gene Jenning would still like a recipe for cheese soup.

ANSWER - One of our readers requested a homemade bread recipe. Thanks go to Priscilla Grube, Mohrsville, for sharing her bread recipes. To keep the bread soft, Priscilla advises brushing it with melted butter on both sides as soon as it comes out of the pans. The loaves should also be put into plastic bags as soon as they are a little cool. They should still be warm when they go in the bag.

White Bread

2 packages active dry yeast
¾ cup warm water (105-115°F)
2⅔ cups warm water
¼ cup sugar
3 tablespoons shortening
9 to 10 cups bread flour
Soft butter

Dissolve yeast in ¾ cup warm water. Stir in 2⅔ cups warm water, the sugar, shortening and 5 cups of flour. Mix in enough remaining flour to make dough easy to handle. Turn dough onto floured board; knead until smooth and elastic, about 10 minutes.

Place in greased bowl; turn greased side up. Cover; let rise in warm place until double, about an hour. (Dough is ready if impression remains). Punch dough down and divide into four parts. Place in greased loaf pans and brush dough with melted butter. Cover and let rise until until double. Bake loaves at 350°F until golden brown and loaves sound hollow when tapped. Remove from pans and brush with melted butter.

Hearty Honey Wheat Bread

1 package active dry yeast
2½ cups warm water
½ cup honey
⅓ cup molasses
⅓ cup butter, softened
2½ to 4 cups bread flour
1½ cups medium rye flour
2½ cups whole wheat flour

In a large bowl, dissolve yeast in warm water. Add salt, honey, molasses, butter, 1½ cups bread flour and the whole wheat flour Blend at low speed until moistened; beat 3 minutes at medium speed. Stir in rye flour and ½ to 1 cup bread flour until dough pulls cleanly away from sides of bowl. Knead dough on floured surface until smooth and elastic, about 10 minutes. Let rise in warm place until light and doubled in size, about 1½ to 1¾ hours. Punch dough down and place in two greased loaf pans. Brush dough with melted butter and let rise again until double in size. Bake at 350°F until loaves sound hollow when tapped Brush with melted butter after loaves are out of pans

ANSWER - Last week we had a pizza dough recipe for Rose Martin of Ephrata. This week we received another one from Mrs. Susan Brubaker of Ephrata for whole wheat pizza.

90-Minute Whole Wheat Pizza

1 to 1½ cups all-purpose flour
1½ teaspoons salt
1 package active dry yeast
1 cup very warm water (120-130°F)
2 tablespoons peanut oil
2 cups whole wheat flour.

Mix 1 cup all-purpose flour, salt and undissolved yeast. Add warm water; beat two minutes at medium speed. Add peanut oil and ½ cup whole wheat flour; beat at high speed two minutes, scraping bowl occasionally. Stir in remaining whole wheat flour and enough additional all-purpose flour to make stiff dough. On floured board knead about 5 minutes. Grease bowl. Set dough in bowl, turning to grease top. Cover, let rise in warm, draft-free place 30 minutes. Grease 15½ x 10½ x 1-inch pan. Punch dough down; roll and stretch to 17 x 12-inch rectangle and place in prepared pan. Shape edge into standing rim of dough. Cover and let rise 10 minutes. Bake at 450°F. for 8 minutes. Spread with pizza sauce and top with cheese. Sprinkle with toppings if desired. Bake 10 to 12 minutes longer or until cheese is melted and lightly browned.

Beverages

(Continued from Page B6)

SPECIAL BREAKFAST CHOCOLATE

1 6-ounce package semi-sweet chocolate pieces
½ cup sugar
⅓ cup water
¼ teaspoon cinnamon
1 cup whipping cream
Hot milk

Combine chocolate pieces, sugar, water and cinnamon in a heavy 1-quart saucepan. Heat over low heat, stirring constantly, until mixture is smooth. Remove from heat; cool to lukewarm. Whip cream until stiff peaks form; fold into chocolate mixture into each cup; add hot milk and stir until smooth. This is sufficient chocolate mixture to make 15 to 20 cups of hot chocolate. (Chocolate mixture may be prepared ahead of time. Store in tightly covered container in refrigerator up to 1 week.)

APRICOT NECTAR

1 46-ounce can apricot nectar
½ lemon, sliced
2 cinnamon sticks
15 whole cloves
8 whole allspice berries
2 7-ounce bottles low calorie ginger ale

In saucepan, mix all ingredients except ginger ale; heat to boiling. Reduce heat; simmer gently 5 minutes. Remove from heat. Cover; let stand 30 minutes. Strain and chill. Just before serving, stir in ginger ale; serve over ice.

CRANBERRY COCKTAIL

Mix 1 quart chilled cranberry cocktail, 2 7-ounce bottles low calore ginger ale and 2 to 3 tablespoons lemon juice.

SPICED TEA

4 cups boiling water
4 teaspoons loose tea
6 whole cloves, broken into pieces
½ teaspoon dried orange peel
1/8 teaspoon cinnamon

Pour boiling water on all ingredients in heatproof container. Cover; steep 3 to 5 minutes. Stir and strain.

INVENTORY SALE

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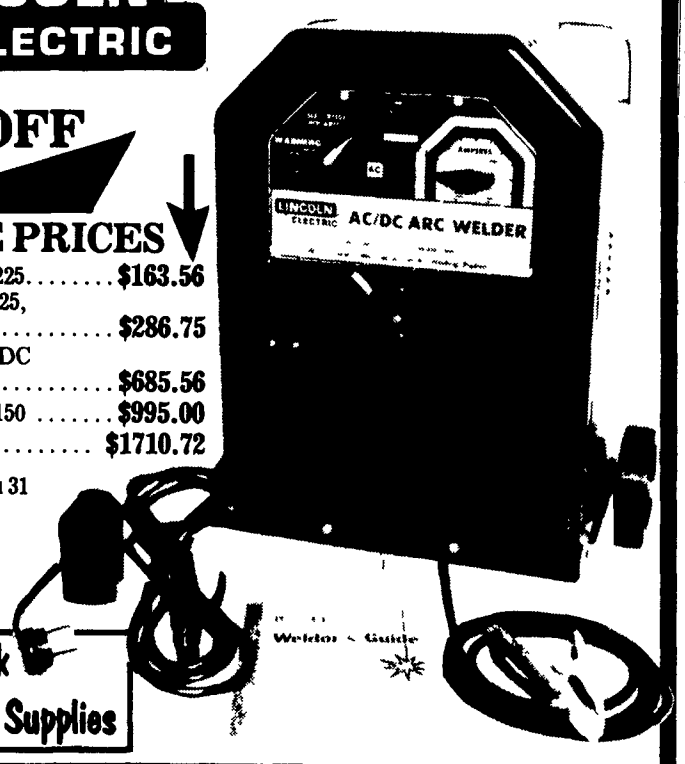

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Seasons Greetings

Left to Right: SCOTT ARTZ, Agricultural Loan Coordinator; ROBERT DONALDSON, Agricultural Loan Officer; MIKE FIRESTINE, Vice President-Senior Agricultural Loan Officer; SUZANNE CURTIN, Agricultural Secretary.

During this special season, the Lebanon Valley National Bank Agri-Group would like to thank you for your patronage during the past year. We're proud to be part of the local community and LVNB's agricultural loan professionals look forward to serving your financial needs in 1985.

May you and your family enjoy the happiest of holidays, and may the new year be a prosperous one for you. Season's greetings from your friends at Lebanon Valley National Bank.

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Adams Co. 4-H'ers recognized at achievement night

GETTYSBURG 4-H Achievement Night was held on Dec. 6 at the United Methodist Church, Gettysburg. Ten and 11-year 4-H members were honored and presented pins.

Carol Clowney, Gettysburg, received the William Miller Award, which is presented to an individual who instills pride and respect to 4-H work and its importance in the development of the individual

The Rose Murren Award is presented to a member who has given devoted service to the 4-H program and has not been recognized for his leadership abilities. Marie O'Brien, Gettysburg received the Rose Murren Award.

Steve Klinedinst, York Springs, received the ABC Williams Award which honors a 4-H'er for devoted service in the 4-H program and for his outstanding leadership ability.

Janet Ludwig, York Springs, received the Lois E. Smith Memorial Award, which recognizes the achievement in projects, commitment to the ideals of 4-H, and appreciation for the beauties and wonders of God's creation in nature.

The Mrs. Ed Snyder Memorial Award is presented to an outstanding 4-H member in the 4-H clothing area. Tina Renoll, Aspers, received the Mrs. Ed Snyder award for her achievements and interest in clothing.

Kevin Eckert and Larry Feeser Jr. of New Oxford; Amy Rodgers, Abbottstown; Mike Otto of Biglerville; Laura McHugh of York Springs; Daniel Blocher, Pam Hawn, Julie O'Brien, Dan O'Brien, and Jenny Knox of Gettysburg were awarded the national I Dare You Leadership Award by the Adams County 4-H clubs with Farm Credit Service, Gettysburg, sponsoring the award. The honor was presented by Jeanne Smith one of last year's I Dare You recipients.

These recipients were selected for the award in recognition of excellenced in character and well balanced personal development as well as leadership potential.

Darlene Resh, extension program assistant, congratulates Janet Ludwig, York Springs, and Tina Renoll, Aspers, after they received special leadership awards at 4-H achievement night. Janet received the Mrs. Lois Smith gardening award and Tina was presented the Mrs. Ed Snyder clothing award.

Cumberland Co. receives donation from Agway

Agway recently presented $250 to the Cumberland County 4-H Program. Accepting the donation for the Cumberland County 4-H Program were Renee Harris, 4-H Coordinator, and Gary Hornbaker, president of the extension executive board of directors. Sue Cromwell, Agway representative, presented the donation at the recent Farm-City Breakfast.

The funds donated were raised via a pie baking contest and auction. This contest was held at the recent Agway annual meeting.

Shown receiving the check from Sue Cromwell, Agway representative (right), are Gary Hornbaker, president of the extension executive board of Directors and Renee Harris, 4-H coordinator.

How to battle misleading toy advertising

MEDIA — Toy advertising, always evident in children's television programs, is stepped up considerably during the Christmas season.

Unfortunately, toy ads often use various misleading techniques which persuade young consumers to pressure their parents to buy a product which may prove to be a disappointment.

Extension home economist Maryetta Dorricott says commercials often lack information such as what the toy is made of, how it works, how long it will last, what age group it is meant for, and how much it costs.

Misleading techniques may include such things as size distortions and misconceptions about ease of operation. Studies show that ads do encourage false expectations by magnifying the benefits of a product.

Problems come up when parents recognize this fact and try to convince the child that the toy is not as great as it looks on TV or in the mail order catalog. One way to handle this, says Dorricott, is to take the child on a trip to the store where he or she can see the toy – and its price – first hand. Depending on the age of the child, the two of you can have a profitable discussion on whether or not the toy lives up to its claims.

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Holiday Greetings

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4.	BLUE	9.	LT. BLUE
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CHRISTMAS: A JOYOUS SYMBOL OF CHRISTMAS GIFT-GIVING IS SANTA CLAUS. HIS CHEERFUL FACE WITH TWINKLING EYES SEEM TO SET A MOOD OF HAPPINESS AND GOOD CHEER FOR EVERYONE. DURING THE CHRISTMAS SEASON OF JOY AND LOVE THROUGHOUT THE WORLD FAMILIES GET TOGETHER TO EXCHANGE GIFTS.

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Drinking milk now can help prevent osteoporosis later

BY SUZANNE KEENE

LANCASTER — For years, mothers have been urging children to drink milk. "It will make you grow up big and strong," they advise.

But although milk and the calcium it provides are an important part of a child's diet, the need for calcium continues throughout life.

Too often, mothers ignore their own advice and consume few or no dairy products. Studies show that calcium consumption peaks between the ages of six and nine, and then drops off drastically as women enter their teens, just when their need for calcium is greatest.

Karen Keener, a dietician at St. Joseph Hospital in Lancaster, says pre-menopausal women need 800 milligrams of calcium a day, pregnant women need 1,200 milligrams and post-menopausal women need 1,400 milligrams. However, the average American women consumes only 450 milligrams.

Failure to meet daily calcium requirements can have serious consequences, especially for post-menopausal women, who are the primary victims of a bone-thinning disease called osteoporosis. At least eight million women in the United States currently suffer from this painful and often crippling disease that is caused, in part, by insufficient calcium consumption.

The hormonal changes that occur in women during menopause make them more susceptible to the disease than men. However, the disease can and does affect men, striking one in every eight males over age 65.

Dr. Warren Robbins, an orthopedic surgeon practicing in Lancaster, says to think of osteoporosis as "too little bone for the job."

"Everybody normally loses bone. Osteoporosis is losing bone more rapidly than normal," he explains.

Bones are maintained through a process known as remodeling, in which small amounts of bone are removed and then replaced. However, around age 35 more bone is lost than is gained. Bone loss in the spine may start as early as age 25.

If the body does not receive enough calcium, the bones may become brittle and break under normal stress.

"The most common way of finding you have osteoporosis, is to break a bone," Dr. Robbins reports. It is fairly common for a person with osteoporosis to be walking and fall because of a fracture. In this case it is the breaking of brittle bones that causes the fall, not the fall that causes the bones to break.

Other times, he said, osteoporosis is discovered when the victim complains of back pains caused by disintegrating vertebrae.

"Once you have osteoporosis, there is very little that can be done," Dr. Robbins said. "It is easier to prevent it."

A diet that includes foods high in calcium and a daily exercise routine are important to preventing this disease.

Exercise is important because muscles stimulate bone formation. A lifetime walker or jogger will be less likely to suffer from osteoporosis than the person who does little but sit in a chair, Robbins said. However, bone will respond to exercise, even if it is started later in life.

An adequate supply of calcium from dairy products and vegetables is also essential to preventing this disease. Two cups of milk and a variety of other foods that are part of a balanced diet usually provide enough calcium to meet the average person's daily requirements, Keener said. . However, "Most people don't drink two cups of milk," she continued.

If a person doesn't or can't get her calcium through a regular diet, calcium supplements may be necessary. Post-menopausal women, who require more calcium than the average person, are often reluctant to consume many dairy products which can be high in calories, Keener said. And if they aren't getting the calcium in their diet, it is better for them to take supplements than to go without the calcium.

However, calcium supplements provide only calcium to the body. Milk and dairy products offer many nutrients besides calcium, including riboflavin, protein, phosphorus, magnesium, vitamins A, B6 , B12, and D, along with carbohydrate and fat.

Many older people have difficulty digesting the lactose, or sugar, in milk, Keener said. This condition, called lactose intolerance, is the result of having an insufficient amount of an enzyme called lactase that is found in the small intestine. A decreasing supply of lactase is a normal part of the aging process for many.

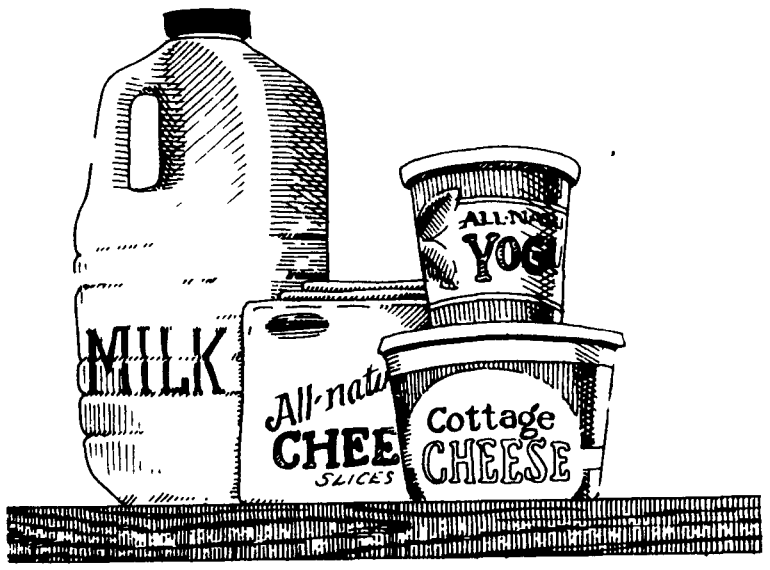
Lactose intolerant people may need to take calcium supplements to meet their daily requirements, she said. Keener suggests getting a doctor's recommendation before adding calcium supplements to the diet.

Consuming large amounts of caffeine may increase the amount of calcium that is excreted from the body, Keener warns. People who drink a lot of tea or coffee may need to increase their calcium intake to offset this reaction.

The goal in treating patients who already have osteoporosis is to prevent further bone loss, Robbins said. Patients are encouraged to exercise and to get adequate calcium. Hormonal treatment is sometimes prescribed for younger patients.

Although osteoporosis itself does not kill people, complications resulting from the disease may. One out of five who have suffered a fracture resulting from the disease die.

How many glasses of milk have you had today? Have you met your body's calcium needs for the day or are you depriving your bones of the calcium they need to do their job? Think about it. And drink your milk.



Visiting the elderly can be a pleasurable duty

NEWARK, Del. — Holidays often include visits to older family members and friends. For some people, these are pleasant experiences. For others, they may be uncomfortable and dreaded encounters. Feelings of awkwardness and uncertainty can overwhelm someone who isn't sure how to act during such a visit.

"It may help to know that older people enjoy having company and that they appreciate your being there," says University of Delaware extension home economist Debbie Amsden. "It's not necessary to bring a gift every time you visit. Nor should you expect that every minute will be filled with conversation. There will be moments of silence as people think and reflect."

What can you talk about? Older people enjoy reminiscing. "They can probably remember what happened long ago better than something that took place this week," Amsden says. "Reminiscing helps them find meaning for life by reflecting on past victories and regrets. The old stories are a way for the elderly to feel important in the lives of others, as well as to express what others mean to them. Older people are a great source of information on traditions, rituals and celebrations of families and communities."

During a visit, it's also important to share what's happening in your family or community, the home economist says.. Such news allows the older person to feel a link to your life. Be prepared to volunteer this news, rather than waiting to be asked. The questions leading up to it may never come. Newspaper clippings or pictures may help keep the conversation lively. "Don't hestiate to share the bad news as well as the good. Older people can cope with sadness as well as pleasure," Amsden says.

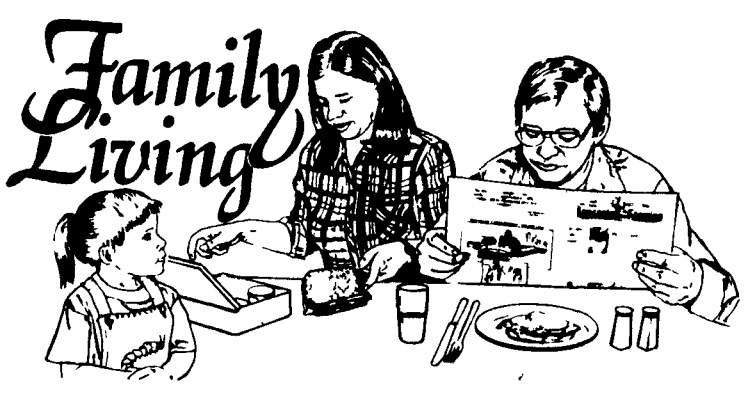
In your conversations, tell your relatives or friends of the ways they are important to you and to others. "Older people like to be included in decisions and family discussions, and to be asked for advice," she says. "This helps them feel needed and important. And it may encourage them to involve you in their decision-making. Being asked to give advice is more productive than offering it unsolicited."

When talking to an older person, also mention their neat appearance or their choice of clothes. Such comments help reinforce the individual's sense of pride.

A visit can include activity as well as conversation. Playing cards or a game, reading poetry or making a simple craft item will provide pleasurable memories of the visit. These activities may also help the conversation flow.

One difficulty associated with visiting the elderly is having to listen to their complaints. These may be made just to get attention. "Acknowledging their feelings affirms that someone is listening," Amsden says. "The person probably doesn't expect you to do anything other than listen. These complaints are a way to express fears, anger and frustration. Admit to yourself that you may not be able to change these feelings. But you can help your relative feel understood and relieved just by listening."

Visits to an older person are appreciated whenever they're made. Visits are events to be anticipated, occasions to be long remembered. It's up to the visitor to make them pleasant for everyone.



BACK HOME

By Michelle S. Rodgers

Lancaster Extension

Home Economist

Making The Move

It's the end of the year, a time when I perform a ritual of going through the files and cleaning out my office. However, this year it means more than a ritual cleaning. By the time you read this article I will have finished my last day working in Lancaster County. In January I will "make the move" to Berks County to work as a home economist there.

This move comes with mixed emotions. Lancaster County and its people have been a very vital and important part of my life. However, I will not miss the 60 mile round trip commute to the office and the missed evening meals.

While cleaning out my files, I came across a file folder on moving and took a peek inside to see if it would shed any light on the situation. One interesting fact that I discovered is that 25 percent of American families pack up their belongings and trek to a new home each year (of course, not the same families every year!) And amid the holiday preparations, many families are making a move at this time of year.

If you're making a move in the near future, even if it is just acorss town (or to a new office), there will be numerous adjustments involved for each family member. Being prepared for these changes may make the move easier for everyone.

One aspect of moving that many families are concerned about is the effect it will have on children. In the rush of packing, making arrangements for the house, utilities, etc., kids can get lost in the dust! To make the move as smooth as possible, be honest with children about a move. Try to be as positive as you can about the move. Children will quickly pick up your attutide, so if you're depressed, they will be, too.

Some anxiety is normal for everyone before a move. One thing that will help everyone feel more comfortable is to learn as much as possible about the new place. Read up on things to do there and make plans with your children to visit some of the features of the new area when you are settled in. Even though I've lived in Berks County for the past year, it seems that I still spend most of my waking hours in Lancaster. To ease my transition to a new county, a native Berks Countian took me on a five hour, 150 mile tour of Berks County. I at least know in what general direction towns are, have been to a few historic spots, and discovered a fabulous restaurant on the way!

An unfortunate myth about moving is that school age children should not be moved until summer. Actually, this time of year may make a better moving time. The reason for this is that school is a primary source of making friends. A summertime move places kids at a disadvantage because they cannot make friends as easily. When they enter school in September, they go into strange surroundings. A teacher, faced with a sea of unfamiliar faces, may not recognize a relocated child's special discomfort. A move during the school year, on the other hand, allows a child to go directly from one social setting to another. The teacher has only one new face to learn, and can pay special attention to him or her.

Also, keeping kids involved each step of the way is critical. When the actual packing begins, allow each child to pack one special box with his own favorite toys, books, or clothes. Label it with his name so that when you arrive at your new home, he'll be occupied with his own unpacking and feel helpful at the same time. Encourage him to help arrange and decorate his bedroom to make it feel like home.

Well, I'll confess that moving is a stressful event, even if it is just moving from one office to the next. Focusing on the positive of new friends, new places and new programs is an interesting challenge. And sooner or later, I'll learn where to find the towns not listed on the map, where to locate the paper clips, and a new list of zip codes. And some things will continue to stay the same. You'll still find my "thoughts" printed here bi-weekly.

Now, here's hoping I can find the right box to file this folder labeled moving!

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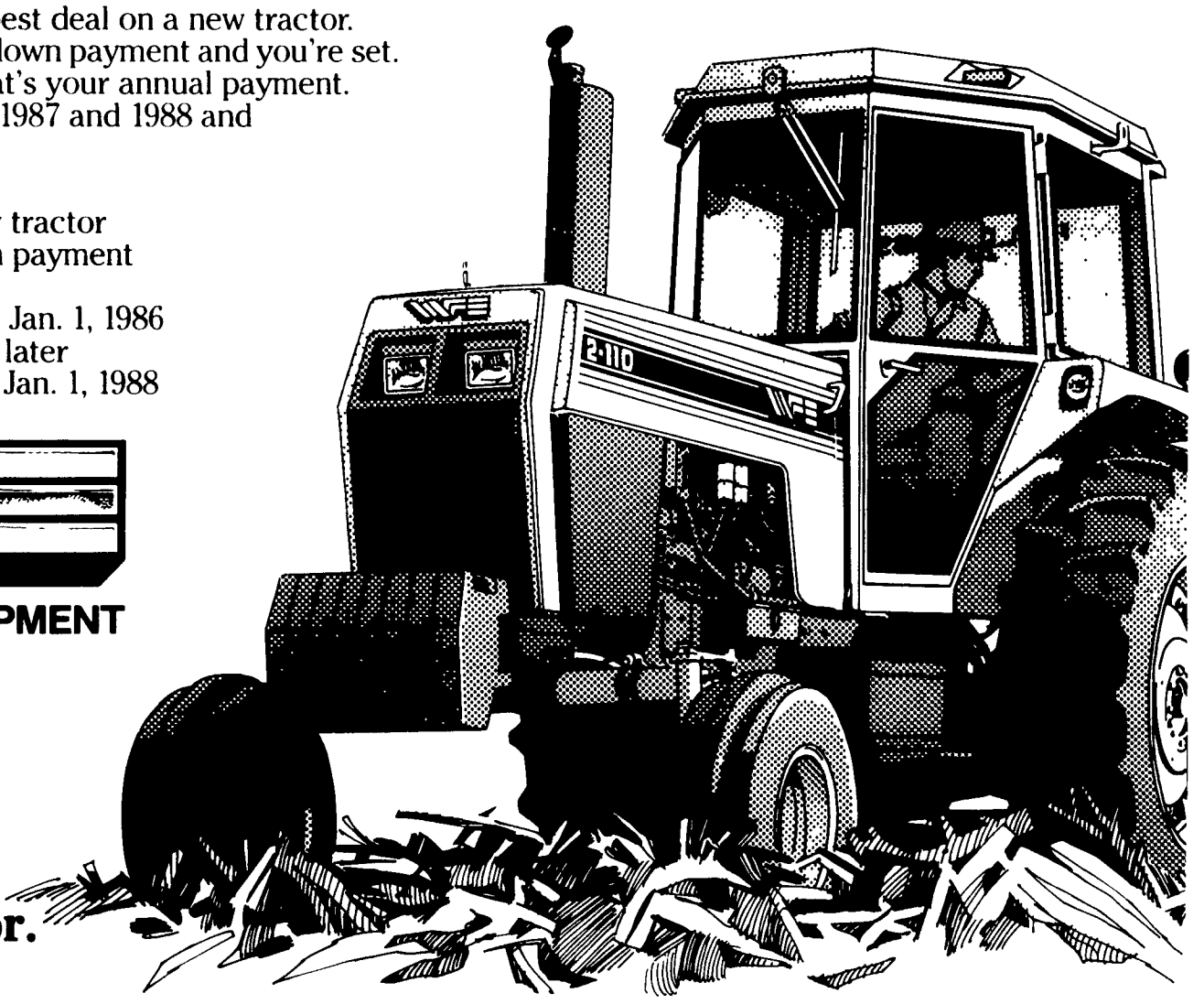

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

THROWING A SAFE CHRISTMAS PARTY

The holidays season means parties that are a great way to relax and have fun. Make sure the parties you host or attend are safe ones.

Fires are often started by careless smoking, so make sure you have plenty of large, deep ashtrays for your guests. Empty them often and in a safe place.

If possible, prepare food ahead of time so you can serve food with little or no help. Make the kitchen off limits for children. Crowding and confusion make the kitchen an all too likely place for accidents to occur.

A major concern at holiday parties is drinking, which does not mix with driving. If you host a party, have non-alcoholic beverages readily available and put your guests at ease about selecting them. Don't force alcoholic drinks on anyone. Have food available so guests can snack throughout the party.

When you pour drinks don't overdo it. Keep the alcohol content reasonable. Stop serving drinks about an hour before the time you figure guests will start to leave. The body needs about an hour to rid itself of the alcohol in one drink. If you're driving, limit yourself to one drink per hour and stop drinking an hour before you plan to leave.

If any guests have had too much to drink, get them to stay overnight, or to ride home with someone else. You could also call a taxi for them.

Practices such as cutting off alcoholic drinks or taking a friend's keys have become much more common and accepted. Make this the year you start these practices. You may not have the chance to later.

DON'T NEGLECT YOUR WOOD FLOORS

Wood floors can take quite a beating during holiday activities. With all the spills, stains and added wear, your floor demands some special attention.

Wood floors should be dusted or vacuumed once a week – never wet mopped. Buff the floor regularly to remove scuff marks and wax it twice a year. Floors finished in a dark tone may appear lighter in high-use areas. If this happens, clean with a combination liquid cleaner-wax.

Minimize stains by keeping wood floors well waxed and wiping up any spilled liquid immediately, Milk or food stains should be rubbed with a damp cloth, rubbed dry and rewaxed. Stains from water should be rubbed with No. 2/0 steel wool and rewaxed. If this is unsucessful, sand the spot with No. 1 steel wool and mineral spirits or a floor cleaner. Let the floor dry and apply a matching finish. Wax again.

Dark spots should be cleaned with No. 1 steel wool and floor cleaner. You can also wash the spot with household vinegar and let it stand for up to four minutes. If both methods fail, make an oxalic-acid solution. Oxalic acid is a white powder available at drug stores. Add one ounce of acid to a quart of water, and apply the solution to the stain.

Ink stains and animal stains can be removed using this method. Older stains, however, usually require that the floor be refinished.

Mold can be removed with a good cleaning fluid. For stains such as gum, crayons and wax, apply ice until the material becomes brittle enough to crumble away. Use fluid around the area so it can soak underneath the material and soften it.

Cigarette burns usually require refinishing, although steel wool moistened with mineral spirits may help to remove.

Plan a happy holiday

NEWARK, Del. – Holidays are fun times with family and friends. Yet they can also be very hectic and stressful. How can you create a holiday that's enjoyable and satisfying? Or, put another way, how can the stress of the holidays be reduced?

"One way to achieve this goal is to plan to make it happen," says University of Delaware extension home economist Debbie Amsden. "Given the amount of time and money you have, what can you do to create an enjoyable holiday season for yourself and your family?"

Start by listing four or five desires for the holiday season – things you'd like to do at work, for your family, for yourself, or for the community.

"Remember, there's just so much time," Amsden says. "Which projects or activities most closely match your desires for creating an enjoyable holiday season?"

Most people have more goals than time to accomplish them. Then they get caught up in the "I wish I could..." or "I wanted to do..." syndrome. People rarely feel they've done enough, the home economist says. So use this wish list to set priorities.

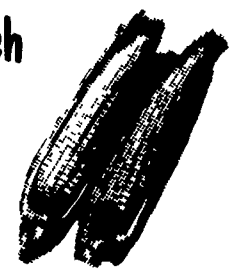
Recognize that everyone has a different agenda for the holiday season – a different list of priorities. It's important to share these agendas with family members to avoid conflicts.

"As you start planning for this holiday season and become involved in all the projects," says Amsden, "ask yourself: Are all these activities allowing me to enjoy time with family members and friends who are so important to me? Is this accomplishing what I really want? If the answer is no, are the activities really worth doing?"

Set realistic goals for yourself and others – then relax and enjoy!

Seeding, Weeding and mulch more

For the avid gardener



What's in the fertilizer bag?

The three numbers on fertilizer bags or containers, commonly called fertilizer grade, represent definite amounts of specific plant nutrients, says agricultural agent Jeff Jabco. Take as an example a bag of fertilizer marked "16-20-0." The first number in the grade, 16, means that fertilizer is 16 percent nitrogen. The second number means the fertilizer is also 20 percent phosphate, which is expressed as P_2O_5. The third number shows the percent of potash, expressed as K_20. In this case, the grade tells us that this particular fertilizer does not contain any potash.

The first number of the ratio always indicates percent of nitrogen, the second always indicates the percent phosphate, and the third always indicates the percent of potash. When you buy a one-hundred pound bag of 16-20-0 grade fertilizer, you are paying for 16 pounds of nitrogen (16 percent times 100), and 20 pounds of phosphate (20 percent times 100). All totaled, you purchased 36 pounds of plant nutrients (16 plus 20).

There are generally two types of fertilizer you can purchase. One type is called mixed grade. A mixed grade fertilizer like 16-20-0 contains two or more plant nutrients. The other type is called single grade. An example would be 45-0-0 (45 percent nitrogen), or 0-46-0 (45 percent phosphate). Single grades contain only one plant nutrient.

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For former Kaiser weatherstrong roofing and siding now rolled by McElroy Metal Mill.

DIAMOND EMBOSSED
And Available In Brown, Sunset Gold, Meadow Green, Ranch Red, White and Buckskin Tan.

Roofing & Siding	10'	12'	14'	16'
Painted Aluminum	$19.63	$23.56	$27.48	$31.41

Roofing	13'6"	15'7"	18'9"	21'9"
Diamond Embossed	$22.51	$25.98	$31.26	$36.27

• Prices Subject To Change Without Notice
• Delivery Available At Extra Charge

Full Line of Accessories Also Available

Treated Timbers	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
4x6	$9.33	$12.32	$13.88	$17.26	$18.70					
6x6			$20.74	$24.30	$30.17	$33.90	$40.85	$47.55	$75.34	$80.00

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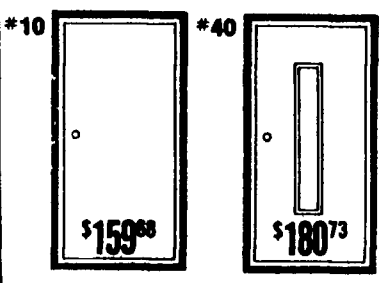

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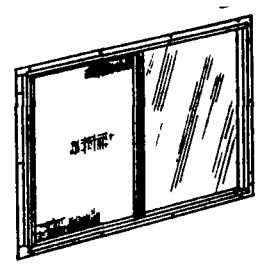
Turn Upside down, Turn Inside Out, All Out Of The Same Box...
ONE DOOR DOES THE WHOLE JOB!



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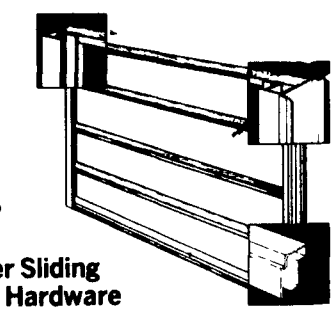

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Farm Women Societies

Lancaster Society 3

Lancaster Society 3 held their December meeting at the Mt. Airy Fire Hall. Hostesses for the meeting were Pauline Martin and Mary Lou Weaver.

Cindy Boshnaugle, a ventriloquist from Mountville, entertained members and their children. Santa Claus also paid a visit and distributed gifts to all the children.

President Doris Miller will be assembling the Lancaster County Scrapbook for the County Executive Board during 1985. Mrs. Arlene Witman, a former Lancaster County president and past state director will be seeking election to the office of second vice president of the Society of Farm Women of Pennsylvania.

A gift of appreciation was given to Mary Aungst of Hopeland for her assistance during the Ephrata Fair.

Some members will be attending the state convention in Harrisburg on Jan. 14 and 15.

The January meeting will be held at the home of Barbara Wenger on Jan. 19. The program will be "Farm Legislation" by Noah Wenger.

Lancaster Society 21

Lancaster Society 21 met for their annual Christmas party at Rhoads Restaurant in Quarryville.

A delicious meal was served in a delightful Christmas atmosphere. To get in the Christmas spirit the group sang and heard a reading by Barbara Overly.

Alice and Parke Ressel and Dick and Carol Huber showed slides of their Alaskan trip.

Members exchanged gifts.

The next meeting will be at Miriam DeLong's house on Jan. 10.

Berks Society 9

The annual Christmas party of Berks Society 9 was held at the Oley Fire Company with all members and their husbands attending.

The group enjoyed a family style dinner and then exchanged gifts and revealed secret pals.

The January meeting will be held at the home of Grace Spahn, Douglassville. New officers will be installed at that meeting.

Lebanon Society 20

Lebanon Society 20 held their December meeting at the home of Elta Weaver, Jonestown, on Dec. 10.

Program Committee chairwoman for 1985, Sarah Funck, distributed new program booklets for the upcoming year.

Members were asked to contact president Marion Maulfair if interested in receiving Soil Stewardship inserts for church programs in May.

Maulfair also announced that the County Extension office is seeking volunteers to train to present programs to local organizations.

Following the meeting gifts were distributed and members tried to guess who their secret pals were for the past year. Names were exchanged for new pals.

The next meeting will be held in the home of Janet Werner.

F.W.S. Calendar

Thursday, December 27
Lancaster Society 11 meets at Helen Shaub's home for games.

Saturday, December 29
Lancaster Society 5 meets with Esther Graybill as hostess.

LOSE WEIGHT NOW!

Fantastic Natural Program With Herbs

GOD said "I have given you every herb - to you it shall be for meat." Gen. 1:29

GUARANTEED YOU LOSE UP TO 10-29 LBS. EXCESS WEIGHT FIRST 30 DAYS OR YOUR **$29.95** IS REFUNDED

Discover Possibility of More Energy, Better Health, Longer Life & Save Money

SAFE - No drugs, man made chemicals or preservatives.
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LOW COST - Supplies 2 meals a day, cuts food bills in half.

To order, send $32.70 ($29.95 + $2.75 delivery charge)

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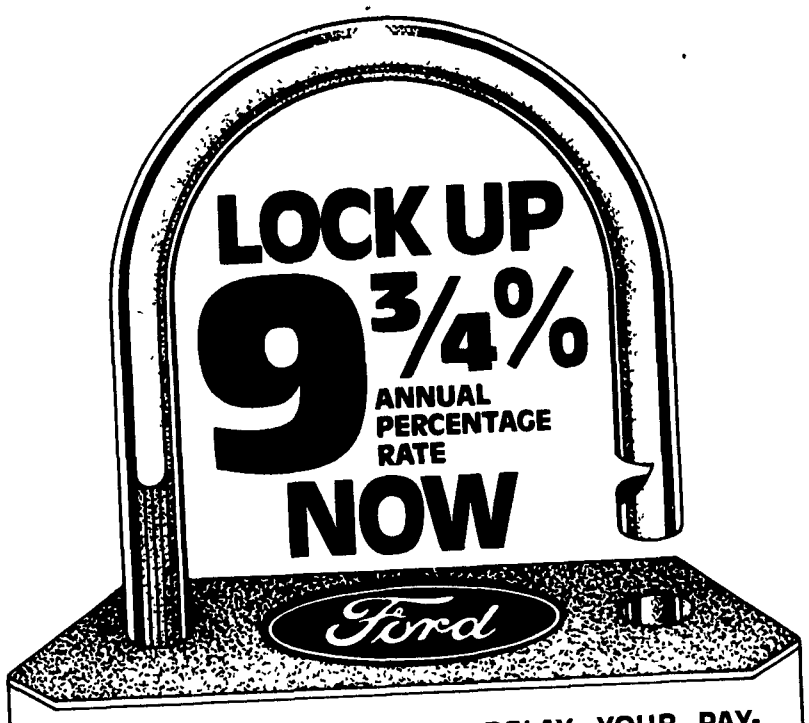

Ford Tractor sponsors low 9¾% FIXED ANNUAL PERCENTAGE RATE financing for up to 60 months

Buy and take delivery of any new Ford agricultural tractor now and get the security of *fixed* rate financing. Your payments remain the same for the entire term of the finance period ... even if other interest rates skyrocket.

We'll help arrange low 9¾% FIXED ANNUAL PERCENTAGE RATE financing for qualified buyers for up to five years on Series 10 and TW Series tractors. Up to four years on Ford 1000 Series and the Ford 2110. Financing is through Ford Motor Credit Company.

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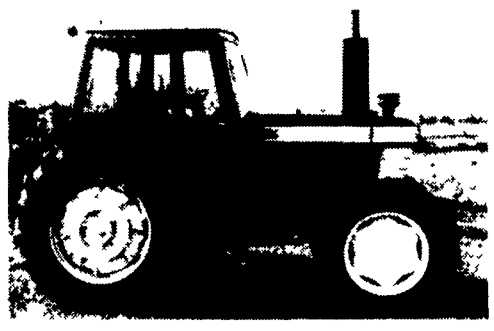
We can help arrange a waiver of finance charges and deferral of payments until July 1 for qualified buyers, followed by up to four years of 12¾% FIXED ANNUAL PERCENTAGE RATE financing. You'll make no payments and finance charges will not begin to accrue until July 1, 1985. Implements purchased with the tractor may also be financed under these special rates.

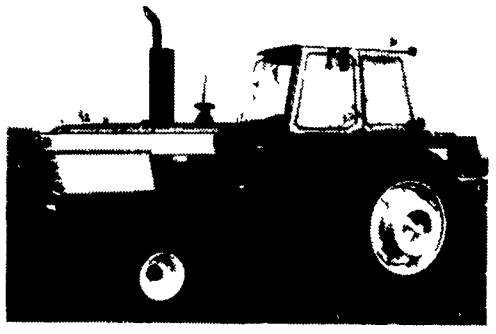
All offers require a qualifying down payment or trade-in. Certain restrictions apply.

STOP IN SOON FOR DETAILS. OFFER GOOD DEC. 1, 1984 THRU FEB. 15, 1985

We've Got Some Low Priced Demo And Lease Tractors And We're Ready To Pass The Savings Along To You!



TW 15 4WD DEMO
w/Wheel Slip Monitor, Fully Loaded SAVE $$$$



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Wishing You A Very Blessed Christmas

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Ida's Notebook

Ida Risser

Today I've decided to take a trip back into my memories of Christmas in the 1920's and compare it with our Christmas in 1984. At that time our immediate family all lived at home but now our immediate family is scattered and we look forward to having them come home. Both times the setting was a dairy farm just north of Lancaster, Pa.

As the oldest of several girls a lot of work fell on my shoulders. It seemed as though I was always being sent to pick up cobs and wood chips to start the fire in our big iron cook stove. Another job was peeling potatoes and setting the table. Somehow I was also the chicken "feeder" and egg "gatherer" for many years. My but those hens could pick your hand when you reached under them to hunt for eggs. Now my duties are mostly confined to gardening, cooking, baking, cleaning, etc.

In those days when we went to Lancaster to shop, we dressed very warm as we had a 1923 Overland which was an open touring car. If we managed to save our pennies and had twenty-five cents, we thought that we were rich. I can still see the five and ten cent store on North Queen Street. Naturally, there were clerks standing behind each counter waiting to take your money for any of the many items displayed. For five cents you could buy a handkerchief, a comb, a picture or candy to give as a gift. Nowadays one is lucky to find a suitable gift for someone even if you hand over a ten or twenty dollar bill.

We usually had a small tree that my father cut from our meadow. We hung red paper wreaths at our door and windows. Lately, we've had to buy a tree as those on our farm have grown too large.

We children slept three in a bed in a room slightly heated with the kitchen stove pipe. Pity the one who slept crosswise at the bottom of the bed. Even so, we could expect an orange in the tip of our long, brown cotton stocking, some English walnuts in the shell and a little hard candy. No wonder we couldn't wait for the box of chocolates that our Sunday School gave us each year.

That stocking with an orange, nuts and hard candy is the one thing that has remained constant — my own children can expect to find the same thing.

Christmas tree short course offered

YORK — A Christmas Tree Pest Management Short Course well be held at the Pennsylvania State University, University Park, on Jan. 7 & 8, 1985.

Topics to be included in the two-day short course are Weeds and Their Control, Pesticide Safety and Safety Equipment, Insects and Diseases of Christmas Trees, and Pesticide Usage and the Law. Discussion session and hands-on lab periods will be also held. Buckout Lab will be the site of the course.

The cost for the short course is $35. To register send a $35 check payable to the Pennsylvania State University to: Short Courses in Agriculture, 306 Agri. Admin. Bldg., University Park, PA 16802.

Include your name, firm name, business address and phone number with your registration fee. Only those who pre-register will be provided with instructional materials. For more information on the Short Course contact the York County Extension Office at 112 Pleasant Acres, Road, York — phone 757-9657.

Jefferson 4-H Club

The Jefferson 4-H Club held its meeting on Dec. 11 at the Jefferson Firehall.

Old business reports were given by Robin Shive, Cathy Shive, and Chris Wherley.

A $50 donation was given to the Seth Reese Fund.

Members exchanged gifts and played games.

The next meeting will be on Jan. 8 at 7 p.m. at the Jefferson Firehall. IBM forms will be filled out and project selections completed. New members are welcome to attend the meeting.

Christmas

Candlelight Program with live tableaux scenes

Presented by The Choirs of

The Midway Church Of The Brethren

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SAT., DEC. 22 & SUN., DEC. 23 — 7:30 P.M.

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A COMBINATION YOU WON'T FIND ELSEWHERE

Now is the time to buy We're giving cash dividends, low financing rates and special clearance allowances Here s your chance to save big on the equipment you'll need next season

HOT DEAL #1

WINTER BUYER'S DIVIDEND— You can earn a cash dividend for the initial purchase of any new eligible hay or forage machine purchased by March 31 1985 You can earn an even larger dividend on subsequent purchases—from $900 to $4 500 depending on the machine This dividend is earned regardless of the financing method used

HOT DEAL #2

NEW, LOW FINANCING RATES— Buy equipment with big dividends and get super low financing! We re making it easy to purchase the equipment you need The rates listed below are in effect through March 31 1985 Eligible equipment is new and used hay and forage products grain windrowers tub grinders grinder mixers and manure spreaders

0% A.P.R. financing for 12 months (monthly payments required)

9.9% A.P.R. financing for 24 months (monthly quarterly or semi annual payments required)

7.9% A.P.R. financing for 18 months (monthly or quarterly payments required)

11.9% A.P.R. financing for 36 months (monthly quarterly or semi annual payments required)

For new self propelled hay and forage equipment

12.9% A.P.R. financing for 48 months (monthly quarterly or semi annual payments required)

13.9% A.P.R. financing for 60 months (monthly quarterly or semi annual payments required)

HOT DEAL #3

FREE FINANCE— Eligible equipment includes new and used hay and forage products grain windrowers tub grinders grinder mixers and manure spreaders Use dates vary according to products and geographic area

HOT DEAL #4

DIVIDENDS FOR CASH— If you like doing business the old fashioned way—with cash—we ve got a hot deal for you Until March 31 1985 you can earn a cash dividend when you buy new eligible hay or forage equipment or a grain windrower This dividend is in addition to the Winter Buyer s Dividend for these products Until February 28 1985 you can earn a dividend on new grinder mixers manure spreaders and tub grinders But hurry because the sooner you buy the bigger the dividend

HOT DEAL #5

SPECIAL CLEARANCE ALLOWANCES— You can save big on certain new hay and forage products depending on available inventory We re giving special clearance allowances on the Model 892 forage harvester Model 114 pivot tongue windrower and the Models 846 847 851 and 852 round balers

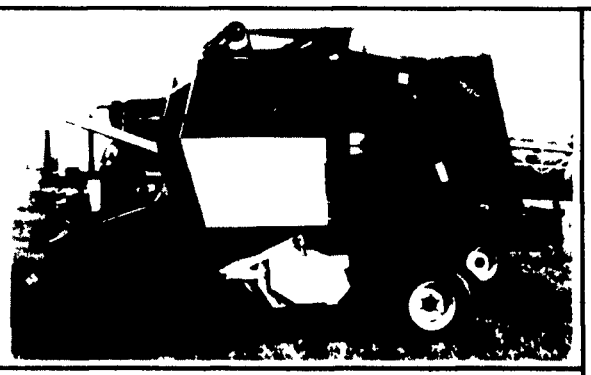
Ask about complete details

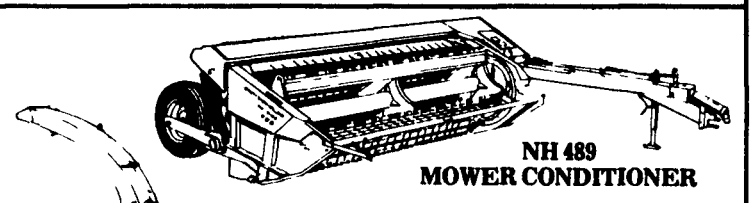
SPERRY NEW HOLLAND

SALE ENDS DECEMBER 31, 1984

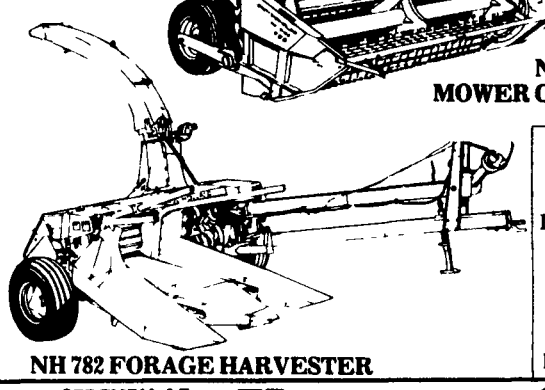
NH 849 ROUND BALER Rental Unit

SAVE $3,500!





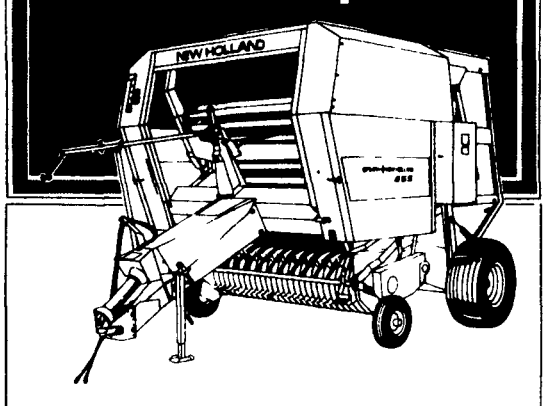
NH 489 MOWER CONDITIONER



NH 782 FORAGE HARVESTER

BE READY FOR SPRING... Take Advantage Of Investment Tax Credits While You May And, Above All, SAVE THOUSANDS OF DOLLARS During Our December Sales Days!

Capacity champ!



For acre after acre hour after hour capacity in a round baler nothing comes close to the 855 from the round baler leader Sperry New Holland Its loaded with capacity features like Super Sweep pickup a roll floor design and steel apron chains that turn out solid well shaped bales weighing up to 1700 pounds And there s a host of optional features to make your baling job easier than ever! Ask for a demonstration We'll show you how to get good bale shape and capacity too!

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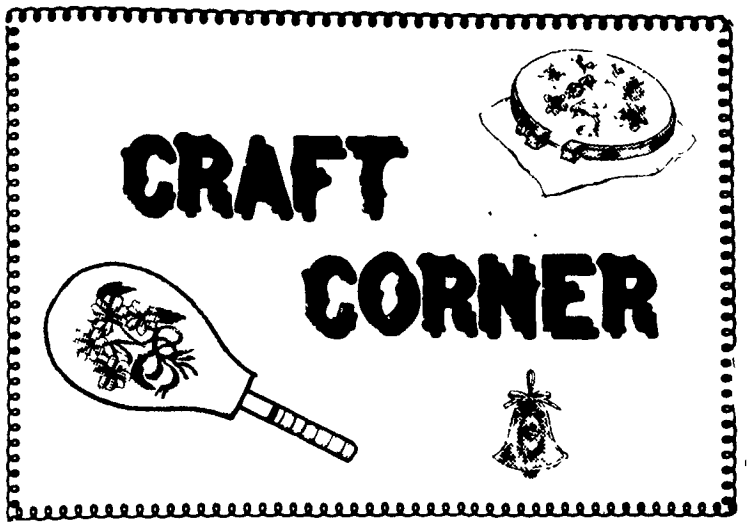


Hobby ceramics

If you never have tried hobby ceramics because of the expense of "just getting started," you can use that excuse no longer. Today there are over 20,000 ceramic studios nationwide who carry greenware (unfired, preformed items) and are willing to let you use their kiln for a small fee. A beginning hobbyist can skip the cost of purchasing a mold and liquefied clay called slip, and proceed right to decorating and painting the greenware.

To begin really is quite simple. After selecting a piece to work on, erase mold marks and seams from the greenware by gently scraping with a ceramic cleaning tool. Smooth down any surface irregularities with a grit cloth or a damp silk cloth. Any clay or dust adhering to the piece can be sponged off before glazing.

There are many ways to decorate greenware. Detailed painting should be painted directly onto the surface using underglaze and sable brushes. Sponges, airbrushes, marbleizing techniques and stenciling all are suitable techniques for ceramics. If your piece is to be used as a kitchen utensil or a serving piece, leadfree glazes and paints must be used.

Once painted, your piece then can be fired in the studio's kiln. Some people prefer to buy greenware that already has been fired but not stained or glazed. This is called "bisque." It comes ready for decorating with a non-firing glaze or stain. These new glazes are easier to use and allow a beginner's first attempt to be a big success.

Available are large varieties of birds, animals, figurines and other collector's items in both greenware and bisqueware.

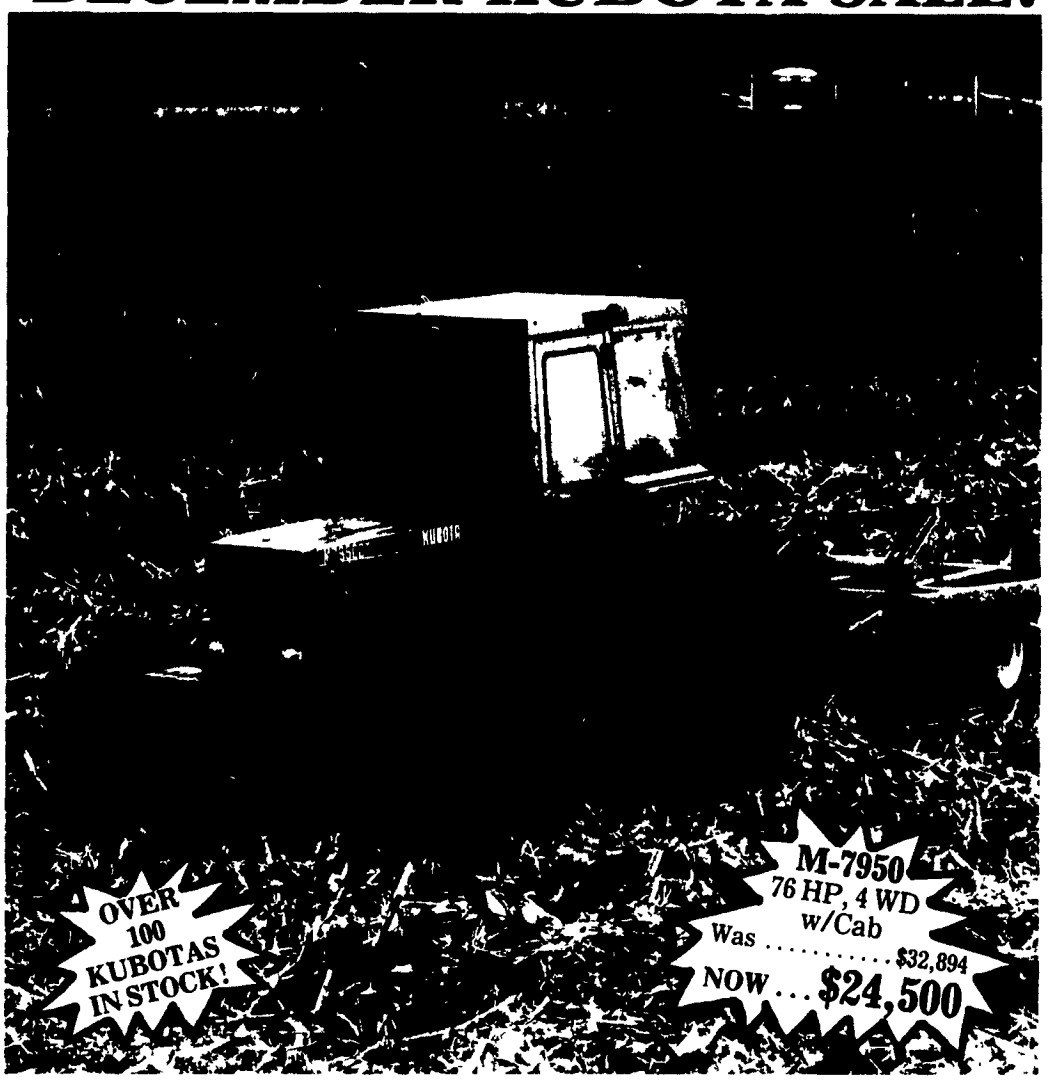
For an easy-to-finish custom-made lamp, select a figurine and a lampshade, then wire it with a widely distributed lamp base kit. You can copy your wallpaper or upholstery fabric designs to establish a motif and your room will have the designer's touch.

New materials and techniques eliminate trial-and-error guesswork and ensure outstanding results. Ceramic workshops and classes offer an opportunity for creativity as well as relaxation and socializing, much like the quilting bees of yesterday.

To find the hobby ceramics store nearest you, consult your local Yellow Pages under "Ceramics – Equipment and Supplies," or write the National Ceramics Manufacturers Association Teachers Certification Program, P.O. Box 601, Curtis Heights, CA 95611.

Wishing You A Very Blessed Christmas

DECEMBER KUBOTA SALE!



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4WD
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FREE ESTIMATES
BUY - SELL - SWAP - TUBS & SINKS
WHY PAY MORE
Specialize In Antique & Modern Tubs & Sinks
VISIT OUR SHOP OR SHOWROOM
COMPLETE TUB & SINK REPAIRS
Home OFC RD # , Kempton Mailing Address RD # Kempton

Overlook Reunion Skate

Who is Invited: Anyone and their spouse or friend who attended Thursday night skates about five years ago. (Includes Brethren, YFC members, Mennonite, etc.)

When: Wednesday night December 26 - 7:30 to 10.30

Where: Overlook Roller Rink

Cost: $1 50 per person, Skate rental available

"So please spread the word"

Sponsored by: Tom and Shirley (Ginder) Krall
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Need more information contact.

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Mr. and Mrs. Merle Ressler	(215) 445-5830
Carl and Sue (Miller) Auker	786-7352
Gordy Hitz	272-2683
Mr. and Mrs. Kenny Mull	865-6524
Merle Gruber	367-3108

THE MICRO WAY

LANI BLOOMER

Hot drink mixes to warm your holiday season

Get your holiday party off to a warm start with spiced cider, hot buttered rums, a cup of hot mocha, or wassail.

What's wassail? It's that stuff they drank in merrie olde England when they ate, drank, and made merry: a warm drink of fruit or wine, flavored with spices and used at festive occasions!

Well, the merry-making season (not to mention the sledding season) is here, and with an "instant mix" and your microwave, you can serve wassail or one of these other warmer-uppers, at a moment's notice. These drinks make a nice change from cocoa and coffee. So let the festivities begin!

By the way, any of these mixes stored in a decorative tin or jar, would make a nice last minute gift for someone. Be sure to include serving directions!

Wassail Mix

6 whole cloves
2 sticks cinnamon or 2 teaspoons ground cinnamon
2 whole allspice or 1 teaspoon ground allspice
1 teaspoon ginger
½ teaspoon nutmeg
1 cup sugar
2 cups water

1. Combine the spices in a drip coffee filter or piece of folded cheesecloth, and tie closed with a piece of string or dental floss. Put the water and sugar in a 4-cup measure, and add the spice packet.

2. Cook on high for 6-8 minutes until boiling and the sugar dissolves. Reduce power and cook on medium (50, 5) for 10 minutes.

3. Set aside to stand for 1 hour for the flavor to develop. Remove spices*, store syrup in a closed container in the refrigerator.

4. To serve 4 to 5 people, add ¾ cup wassail mix to 3 cups of juice and heat in a glass heatproof pitcher or bowl. Heat on high for 8-10 minutes (or set temperature probe for 170-175 degrees). Serve with a slice of fresh fruit, or a cinnamon stick as a stirrer.

5. For individual servings, put 2-3 tablespoons mix in a cup or mug and fill with juice. Heat on high for 2 to 2½ minutes per serving. (For other quantities, use ¼ cup mix per cup of juice, and adjust heating time as needed.)

The following juice combinations are good: apple or cranapple; 2 cups apple with 1 cup orange; 2 cups cranberry with 1 cup pineapple; 2 cups orange with 1 cup cranberry. Or add the mix to 3 cups cider for hot spiced cider. One third cup rum may be added to three cups juice if desired. Makes 2 cups mix.

• Save the spice packet in the refrigerator and boil it for a few minutes in a cup of water whenever you want a warm spicy aroma in the house.

Hot Buttered Rum (or Cider!) Mix

1 stick butter or margarine
2 cups packed brown sugar
1 teaspoon ground cinnamon
1 teaspoon ground cloves
½ teaspoon ground nutmeg
Cinnamon sticks for stirrers, optional

1. Melt butter in a microsafe bowl, (use high for 45-60 seconds). Thoroughly stir in remaining ingredients. Store in a closed container in the refrigerator.

2. To serve Hot Buttered Rum: Put 1 tablespoon in a cup or mug. Add 6-8 ounces boiling water and 1 ounce rum. Stir with a cinnamon stick for added flavor.

3. To serve Hot Buttered Cider: Put 6-8 ounces cider or apple juice in a mug and heat for 2-3 minutes. Stir in 1 tablespoon mix. Makes about 24 servings.

Mocha Mix

½ cup unsweetened cocoa
1 cup sugar
2 cups nonfat dry milk powder
½ cup instant coffee powder*
1½ teaspoons dried orange peel

1. Mix all ingredients together well in a bowl. (Sift the ingredients together if possible. This breaks the milk powder into smaller granules so it dissolves more easily.)

2. Store in an airtight container; this does not need refrigeration.

3. To serve: Put about 3 tablespoons mix in a mug. Add ¼ cup boiling water, stirring hard to dissolve mix. Then add ½ cup more water, stir and serve immediately. Makes 3 cups mix.

*Use decaffinated instant coffee for a soothing bedtime drink.

Copyright 1934, Lani Bloomer

Think practical when selecting toys

COLLEGE PARK, Md. — Two facts to remember this Christmas: toys are important to children and money is important to adults. Keep these thoughts in mind as you check your junior's Santa-request list. Choosing toys correctly could benefit your child's development and save you money.

"Children learn by doing, therefore toys are very important in their development and growth," says Cheryl H. Jones, Baltimore City extension home economist. Before buying any toy for your child, Jones says it is important to consider the following:

— Always select toys that interest your child and are at his or her level of development. You want to avoid frustrating your child during his play time.

— Select toys which encourage creativity.

— Select toys that your child can become actively involved with. Avoid "spectator" toys.

— Select toys that are durable enough to take the abuse of a child.

— Select a toy that can be shared easily with other children.

Jones warns agains relying on the recommended age range on toy packages. "The major manufacturers set the ranges after conducting careful research with children in nursery schools, day-care centers and in test homes," says Jones. Experts caution parents against overestimating a child's development; however parents who participate in their child's play activities are best equipped to match toys to the functional level of their child's interests, abilities and age.

Rather than overwhelm your child with too many toys, Jones suggests introducing a few new ones (or old ones that were put away after your child lost interest in them) at various times to continually encourage a child's play experiences. This is known as balanced play, which simply means having various kinds of toys to play with — not a lot of toys, but toys that cover a wide range of activities. According to Jones, the types of play activity a child should engage in are:

— Active Physical Play - helps develop a healthy, strong body. Example: push/pull toys, balls, sport and gymnasium equipment.

— Manipulative, Constructive, Creative, and Scientific Play — gives the child the oppportunity for expressing ideas, stimulating observation, and developing resourcefulness. Some examples of these toys would be building blocks, painting and drawing materials, and construction toys.

— Imitative, Imaginative, and Dramatic Play — encourages creative expression and helps the child understand the world around him. The child can imitate and dramatize adult activities. Examples of useful toys include dolls, stuffed animals, costumes, trucks, cars, etc.

— Social Play — helps children learn how to get along with each other, gives training in good sportsmanship, and teaches the value of concentrating and thinking quickly and accurately.

These points can be most helpful this Christmas by preventing Santa or parents from bringing home frivolous toys which could soon be put aside and forgotten.

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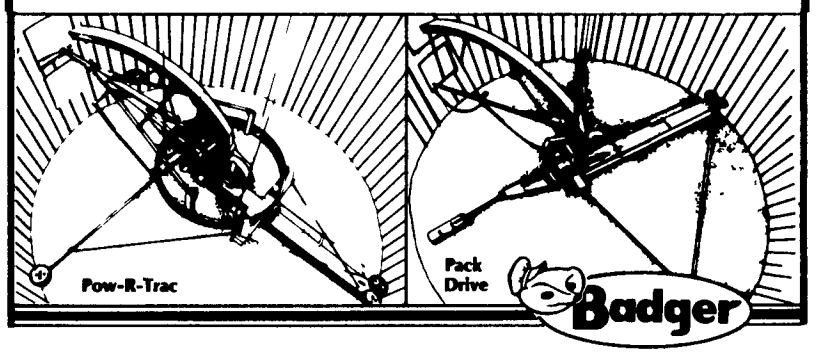

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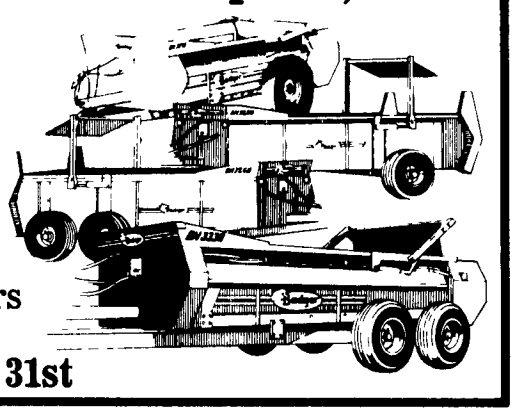

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Bake and decorate with apples

HARRISBURG — If you are looking for quick, easy and inexpensive ways to dress up your home for the holidays, try decorating your home with apples.

Start with an eye-catching table centerpiece that will make your holiday dining even more appetizing. Place a piece of styrofoam in an attractive bowl, dish or basket Insert florist picks into a shiny red Pennsylvania apple, then attach it to the styrofoam base. Continue with the rest of the apples, starting at the bottom, and work around towards the top. fill in the spaces between the apples with holly leaves, berries and pine cones on picks.

Give your sideboard a festive touch by draping garland, interspersed with Pennsylvania apples, and hang straw wreaths with red ribbon, holly and bright, shiny red apples.

And don't forget, the most delicious reason for decking your home with apples is that after the holidays are over, you can eat the decorations.

Of course, during the holidays, the whole family enjoys eating apples out-of-hand or in special treats such as this holiday apple bread, and other apple recipes.

HOLIDAY APPLE BREAD

1½ cups butter or margarine, softened
2¼ cups sugar
5 eggs
3 cups flour
1 tablespoon baking soda
1½ teaspoons cinnamon
¾ teaspoon nutmeg
¾ teaspoon ground cloves
3 cups grated apple
1½ cups raisins
1½ cups chopped pecans

Cream butter and sugar until light and fluffy; add eggs one at a time. Sift dry ingredients together and set aside. Combine apples, raisins and pecans. Add dry ingredients to creamed ingredients alternately with apple mixture until all ingredients are well blended. Pour into two greased and floured 9x5x3-inch loaf pans. Bake at 325 degrees for 1 hour to 1 hour, 15 minutes or until knife inserted in center comes out clean. Cool in pans 10 minutes, then invert onto cooling racks. Makes 2 loaves.

CURRIED APPLE SOUP

2 cups chicken broth
2 cups chopped apples
1 cup diced potatoes
1 cup diced onion
1 cup diced green pepper
½ cup diced celery
1 cup light cream
1 tablespoon butter
1 teaspoon curry powder
1/8 teaspoon pepper
8 ounces shredded cheddar cheese

In a large sauce pan combine chicken broth, apples, potatoes, green pepper, celery Simmer uncovered until soft. Stir in cream, curry powder, butter and pepper Add cheese, stirring constantly Serve with a garnish of cheese (For a smooth soup, blend in blender in small batches until smooth)

HAM STUFFED HOLIDAY APPLES

8 ounces ham
1 egg
½ cup bread crumbs
2-3 tablespoons milk
4 apples

Combine first four (4) ingredients in a bowl Cut off the top of apple Cor apple with going through the bottom of the apple Remove some of the apple from the center out and add that part of the apple to the ham mixture Stuff apples with the mixture Bake in a 350° oven for 20-30 minutes. Serve, garnished with parsley Turkey, chicken, and other meats may be substituted in place of ham

QUICK & EASY APPLE DESSERT

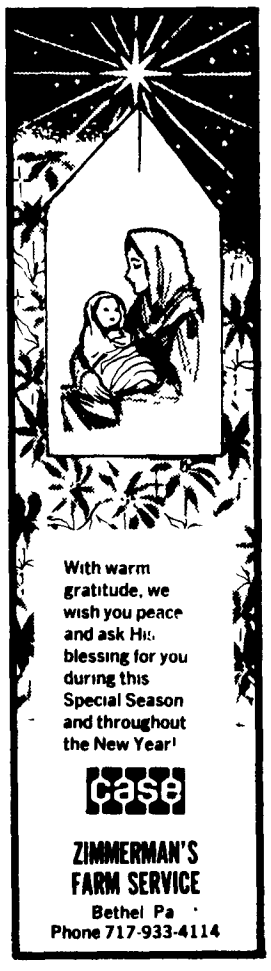
1 Sara Lee Pound Cake (thawed)
1 can apple pie filling
whipped topping

Slice pound cake and place in a serving dish. Spread apple pie filling over the cake and top with whip topping. Serve

APPLE JUICE SPRITZER

Combine equal portions of apple juice and club soda in a glass Serve over ice

This festive Holiday Apple Bread makes a perfect homemade gift when wrapped in colorful ribbon.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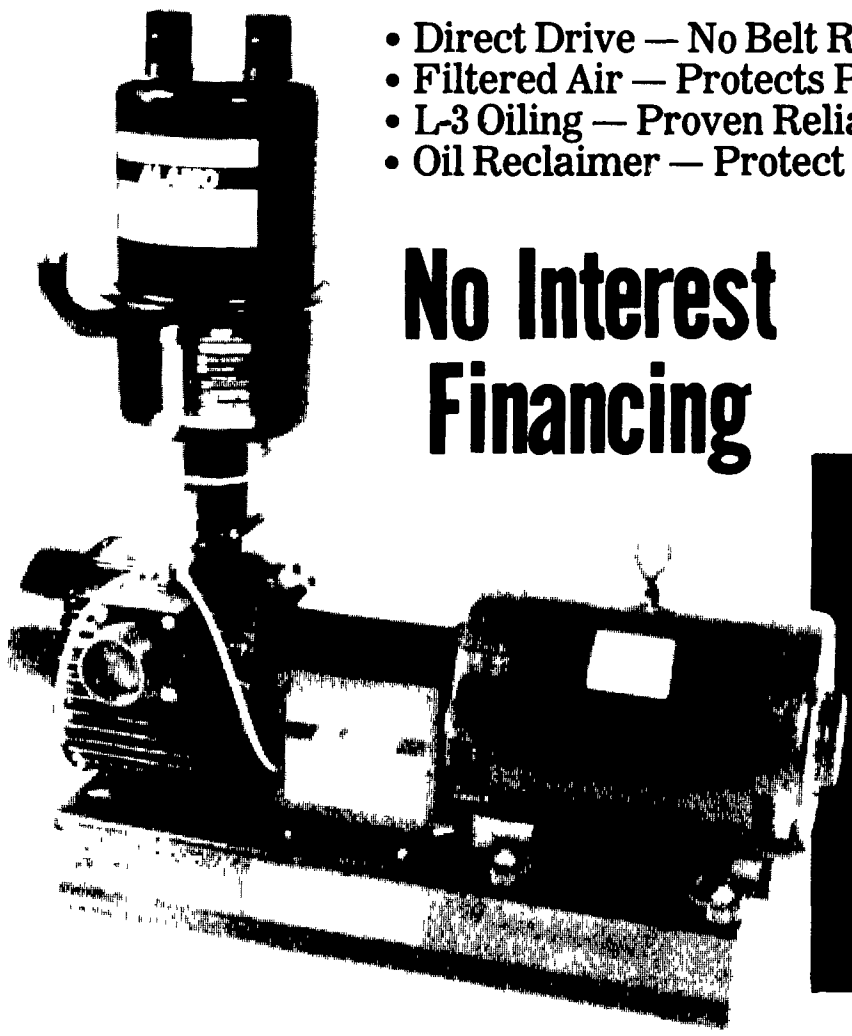

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Cranberries are holiday favorites

NEWARK, Del – Like that other holiday favorite, the pumpkin, cranberries were growing on this continent long before any colonists arrived. When members of the Massachusetts Bay Colony saw the flower of this plant, with its pistil surrounded by closely arranged stamens projecting downward, they thought it looked like a crane. So they called the plant "cranberry." Eventually this changed to cranberry, the name we give it today.

For the colonists, the cranberry was one of the few fresh fruits available in fall and winter. It is because of tradition and availability that fresh cranberries are used at this time of year. Today, most of the crop goes into sauce, juice or relish.

Although cranberries contribute mostly color, flavor and variety to meals, they also furnish small amounts of valuable nutrients—especially vitamins A, B and C. According to University of Delaware extension home economist Debbie Amsden, raw cranberries have more vitamin C than cooked ones, since some of the vitamin is destroyed by cooking. Cranberries are rich in the jellying substance, pectin, which makes them popular in jams and jellies.

You can store good quality fresh berries in the refrigerator in their original plastic bag. Amsden says they will keep well for four to eight weeks in a dry, airtight container at 33° to 45° F. They can also be frozen inside a moisture-, vapor-proof bag or container. To use, just rinse off the frozen berries and handle like fresh ones in recipes.

Amsden offers these tips on measuring cranberries:

• 1 pound of fresh cranberries equals 4 cups and will yield 3 to 3½ cups of sauce.

• 1 pound of canned cranberries yields 1⅔ to 2 cups of sauce.

A green discoloration next to the berries sometimes appears in cranberry bread, cake or muffins. According to the home economist, this happens when the batter has an alkaline pH. Baking soda (sodium bicarbonate), which is alkaline, will cause the discoloration when no acid is present to neutralize the batter.

This is what happens under such alkaline conditions. The anthocyanin pigments (reds and blues) in the fruit tend to become bluer, while the anthoxanthin pigments (white or yellow) tend to become yellower. And when blue and yellow are mixed, the result is green. (This also happens with blueberry products.)

To avoid this green discoloration, Amsden says to add more cranberries, or use a recipe calling for baking powder instead of baking soda. Baking powder contains the appropriate amount of acid to neutralize the sodium bicarbonate it contains.

Here are two cranberry recipes to add to your collection. The first is an unusual relish which goes well with ham, chicken, pork or cold meats. It may also be used as a basting sauce. Both recipes can be prepared in a microwave oven.

SPICED CRANBERRIES

2½ cups sugar
½ cups water
2 sticks (2-inch) cinnamon
1 teaspoon whole cloves
2 tablespoons lemon juice
grated rind of 1 lemon
4 cups cranberries

Boil the sugar, water, spices, lemon juice and rind together for 5 minutes. Add cranberries and cook slowly without stirring until the skins pop. Yields 1 quart. (If half this recipe is prepared, it can be made in the microwave using the following instructions.)

MICROWAVE CRANBERRY SAUCE

12 ounces cranberries
1½ cups sugar
¼ cup water
¼ cup orange juice
1 tablespoon orange marmalade

Wash the berries and stir all ingredients together in a 2-quart casserole. Cover and microwave for 10 minutes on HIGH, stirring after 5 minutes. Let stand to thicken.

You can say "no" to a holiday toy

COLLEGE PARK, Md. – Parents, take heart. It is possible to say "no" to a holiday toy, without feeling like Scrooge.

Child psychiatrists and psychologists agree that if children are old enough to ask for specific toys, they are also old enough to understand why those toys may not be appropriate.

"Maybe your daughter wants a home computer like one she saw advertised on TV, but you can't afford it. Or maybe your son has his heart set on a chemistry set that you suspect isn't safe," says Billie Frazier, a human development specialist with the University of Maryland cooperative extension service.

"Whatever your motives are for rejecting the toy, explain them. If your child understands that you're not being arbitrary, a lot of the sting is taken out of saying no."

Consider the experience of Sandra Smith, a mother of two from Silver Spring, Md.: "Almost immediately after Thanksgiving last year, my four-year-old started lobbying for a pet dog. Well, at first all I did was say it was out of the question.

Adds Smith: "But when I opened up and explained that our apartment was too small to keep a dog happy, the tears and pleading stopped. My son understood."

Just as important as patient explanations, however, is consistency.

Don't say no on Dec. 14, no on Dec. 15, but yes on Dec. 16, out of desperation," says Frazier. "You're showing your child how to manipulate you and other people, too."

Similarly, if one parent says no, it's essential for the other to support the decision. Otherwise, says Frazier, "You're allowing your child to play one of you against the other."

And that, experts confirm is a dangerous precedent for when the stakes are higher than a mere Christmas or Hanukkah present.

Most important, parents should remember that though saying no may cause some short-term disappointment, in the long run a firm stance is beneficial.

"Children need limits to mature," stresses Frazier. "They need to learn that not all our wishes are granted, whether you've youngsters or adults."

Adds James P. Comer, professor of child psychiatry at Yale University's Child Study Center: "Teaching your child to accept the meaning of 'no' may be the most precious present of all."

York County Council

The York 4-H Council held their meeting on Dec. 8 at Pleasant Acres. Business reports were given on roller skating, farm visitation day and National 4-H Congress.

More people were added to the standing committees.

Officer training will be held on Dec. 27 at the 4-H center. All officers are encouraged to attend the training sessions. County council officers will be presiding over the workshops.

Following their meeting members escorted guests of Pleasant Acres Christmas shopping at the York Mall. The day's events were brought to a close with singing of Christmas carols through the home.

The next meeting of the County Council will be on Jan. 2 at the 4-H Center.

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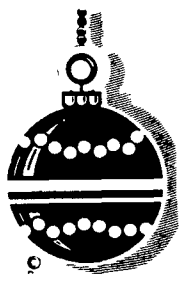

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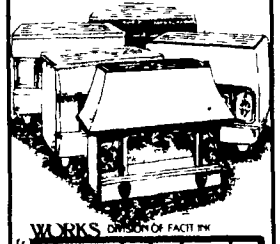

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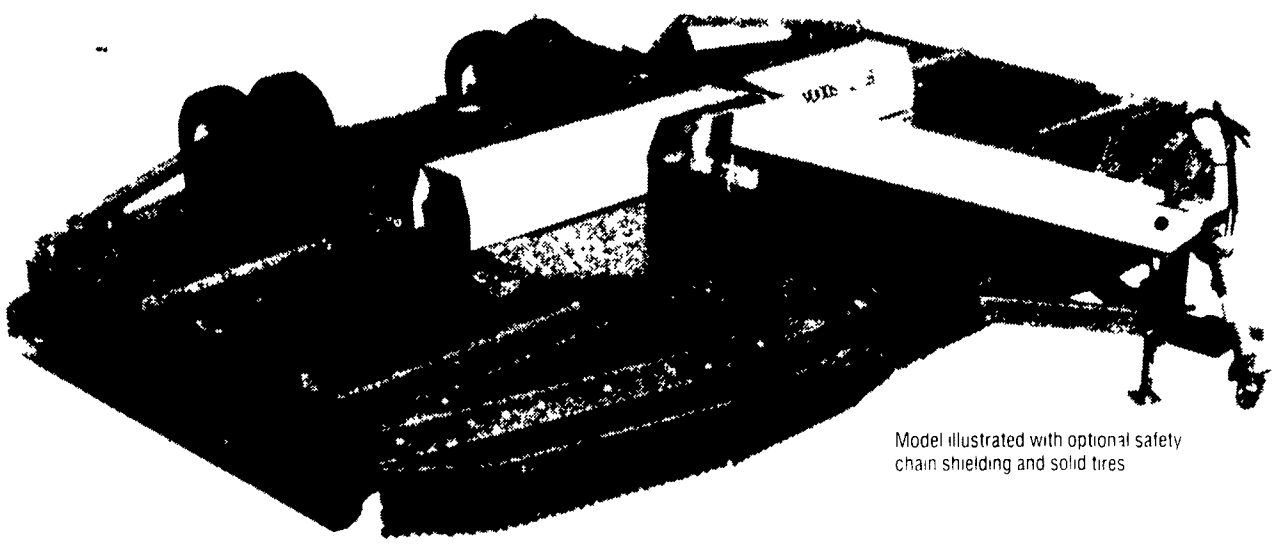
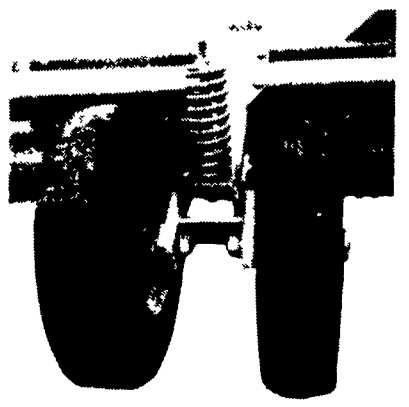


Model illustrated with optional safety chain shielding and solid tires



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Sean Lefever and his sister Sandra both help out at their father's greenhouses. Their sister Debbie, who is not pictured, is also active in the business.

Poinsettias add a festive touch to holiday decorations

BY SUZANNE KEENE

LANCASTER — Poinsettias grace living rooms, restaurants, shopping centers and church sanctuaries, contributing to the festive atmosphere that is unique to Christmas. The appearance of this traditional Christmas plant reminds us that the holiday season with all its anticipation and gaiety is in full swing.

Poinsettias usually start blooming right after Thanksgiving, and with the proper care, will last until Easter, local florist Melvin Lefever says.

Lefever, who owns and operates Lefever's Flowers on Jarvis Road in Lancaster, raises thousands of poinsettias to meet the healthy seasonal demand for this popular plant. And, he knows how to make sure that the sensitive plants bloom at just the right time.

This year, Lefever planted 5,500 stock plants that in early August yielded 195,000 cuttings. Each three-inch cutting is planted in an oasis strip or cube, and placed under a misting system for about three weeks while the roots are forming.

The plants are misted two times every 15 minutes during the daylight hours, but during the night, the misting system is turned off, Lefever said.

Once the roots have formed, the poinsettias are potted. It takes nine plants to fill a 10-inch hanging pot, and six to fill an eight-inch one, Lefever said. However, single plants with several blooms are the biggest sellers.

Many varieties of poinsettias are available, but the inexperienced eye has trouble detecting the differences between them. "When they're blooming, they all look pretty," Lefever said.

The festive plants come in red, white, marbled (pink and white) and pink. In the Lancaster area red is the most popular color and pink is the least favorite, Lefever observed.

For the first month of growth, poinsettias should be kept at 70°F., but when the leaves start to change color, the room temperature is reduced to 60°F. If it gets too hot, Lefever said, the yellow centers will fall off.

The proper amount of light is also essential to raising poinsettias. If they get too much light at night, they won't bloom. "They just want regular daylight hours," Lefever explained.

The leaves on poinsettias are about ¼ inch apart, but are topped until there are about five or six joints on each stem. Each stem yields about four to seven flowers.

Lefever said the ideal height for a poinsettia is a foot to 18 inches. To keep the plants from getting too tall, they are sprayed with Cycocel, a plant regulator that retards stem growth.

Because of an exceptionally long, warm fall, poinsettias are a bit taller than usual this year, despite the use of Cycocel.

If you have purchased a poinsettia or received one as a gift, you should avoid watering it too much. The soil should be kept moist, but not soggy. If the pot is wrapped in foil, the foil should be removed to assure proper drainage.

The ideal temperature for your poinsettia is 70°F. during the day and 62 to 65°F. at night. With the proper care and a lot of luck, the poinsettia may bloom a second year. However, Lefever doesn't recommend getting your hopes up too high. It's really difficult to get them to bloom again, he says.

Churches are some of Lefever's best poinsettia customers, he said. He sells poinsettias to about 40 or 50 local churchs for just $1 over the wholesale price. He also supplies many of the local retailers with Christmas poinsettias. This year's abundant crop is almost sold out, Lefever says, even as he is interrupted by a phone call from New York for a large order.

The Lefever family has been in the greenhouse business for over 50 years. Melvin's father, Jacob, started the business raising mostly cut flowers. However, because of a changing market, Melvin has changed the emphasis to potted plants and spring garden plants.

Most of the family is involved in the business. Melvin's son, Sean, who recently graduated from high school, is now quite active in the business, and his two daughters, Debbie Johnson and Sandra Scott, tend the flower shop.

Right now the Lefevers are coping with the Christmas rush and they will continue to be busy even after Christmas Day, when most people get a chance to relax. Come December 30, they will be filling the greenhouses now empty of poinsettias with pot mums for Easter.

The sight of a festive poinsettia signals that the holiday season is in full swing.

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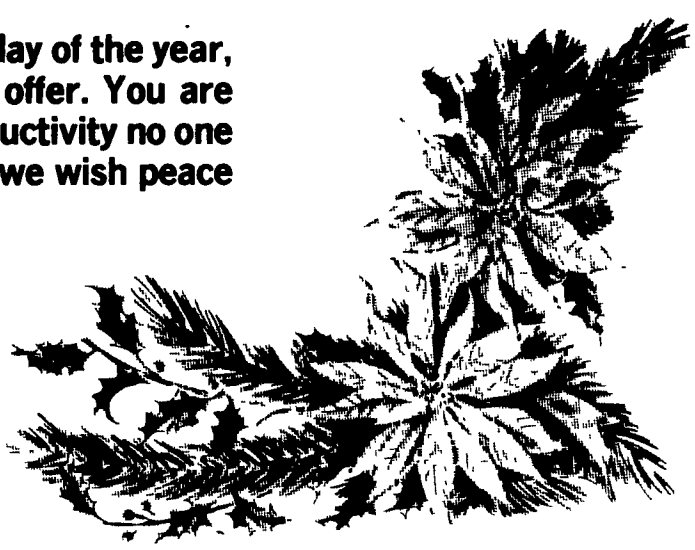

The SPERRY NEW HOLLAND Dealers in your area wish you a MERRY CHRISTMAS and a Happy New Year!

Light prolongs life of Christmas plants

MEDIA — The beautiful flowering plants used for gifts and home decorations during the Christmas season will be a year-round joy if you give them reasonable care. Most of these plants can remain attractive long after the holidays, says Delaware County ag agent Jeff Jabco.

All green plants require light. Placing flowering plants in a dark corner will cause their leaves to turn yellow rapidly. Keep these plants where the light is bright. Artificial light, as well as natural light is helpful, but the intensity of artificial light found in most areas is low. Flowering plants are grown in bright greenhouses, and they last longest if you keep them in a bright location.

Home temperatures are satisfactory for most Christmas plants. One exception is the cyclamen, which does best as temperatures fall below 65°F. Temperatures of 50° to 55° F. are satisfactory for cyclamen, and a cool, bright sun porch is ideal for them.

Probably more plants are lost due to overwatering or underwatering than any other reason. Plants, particularly those in clay pots, dry out rapidly when placed in a draft or near heating vents. They're also more difficult to water under these conditions. Root suffocation and the eventual death of a plant can result if the soil remains wet for long periods. Judge the need for water by lifting the pot. The weight of the plant gives a good indication of the water requirement. Water is normally applied to the surface of the planter soil. If plants are watered from the bottom by placing them in water, take care to prevent the soil from remaining too moist.

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Help is here for wooden furniture

YORK — Have you looked at your wood furniture lately? That table top is stained, the arms of those chairs are scratched and all the pieces look dull. But don't panic. With a little attention, you can have your furniture looking its best in time for the holidays. Extension home economist, Joan Lamberson offers the following tips for caring for your furniture:

White spots or rings commonly occur from moisture, heat or alcohol. You can use a commercial product for removing white spots. You can also save money with a number of home rememies. Pumice or cigarette ashes can be dusted over the ring and rubbed lightly with a 4/0 steel wool pad dipped in oil. Apply to the whole surface to prevent spotting, then wipe with a soft cloth.

You can also use salt and lightweight oil such as mineral, paraffin, olive or lemon. Dip your cloth into the old first, then the salt. Rub spot with this mixture. If the white spot is old or deep, you may have to rub a great deal.

For deeper white spots, dip a cloth in water and wring it out. Moisten with household ammonia and wisk a damp cloth over the spot lightly and quickly. Rub the spot with a dry cloth, always rubbing with the wood grain.

For discolored or charred spots, scrape the spot with knife blade or 3/0 steel wool wrapped around an orange stick or pencil. Brush away scrapings and sponge the charred area with denatured alcohol to bleach it. Repeat the process if necesary. Fill and finish the area with sealer or varnish for shallow areas or a lacquer stick for deeper holes.

Another problem is paper that has adhered to wooden surfaces. Warm a lightweight mineral oil and pour enough on the surface to saturate the paper. Let it stand then rub lightly with steel wool. Apply more warm oil and rub lightly with steel wool twice. Wipe the surface with oil, then with a dry cloth.

To cover scratches on furniture with a smooth surface, Johnson recommends a furniture cleanser-conditioner. This mixture, however, should be used sparingly on shellac finishes. It can be made easily at home in a glass container with a tight-fitting lid. Fill the container ¾ full with boiled linseed oil and ¼ with gum turpentine. To use the mixture, pour heated water into a cup and pour a layer to the conditioner on top. Do not stir. Dip a cloth into the oily layer and apply to the furniture, a small area at a time. Dip a clean cloth in a clear, warm water, wring and wipe surface. Then wipe with a dry cloth.

Discard the mixture when it cools. Don't try to reheat it — it is flammable and will become gummy. This mixture works well to clean wood and restore its natural grain and color. It will remove cloudiness and dullness caused by smoke, grease and dust. The mixture also "winterizes" furniture to withstand the dryness and heat of homes during the fall and winter.

42 tons of Lancaster soil saved

LANCASTER — Targeting efforts in the past year paid big dividends by saving 42,272 tons of soil from washing off southern Lancaster County farms, according to a report from a conservation official.

The U.S.D.A. Mason-Dixon Erosion Control Program furnished additional help to farmers with erosion problems. The result, according to Clifford Bienko of the Soil Conservation Service, was a marked reduction in soil loss on 2,213 acres of farmland. According to report figures, the Mason-Dixon Program reduced soil erosion on the average by 19 tons an acre.

Practices applied under this program included 37,140 ft. of terraces; 4,930 ft. of diversions; 17 acres of grassed waterway; 660 acres of contours, 100 acres of contour stripcropping; and 1,086 acres of conservation tillage.

Bienko stated the Mason-Dixon Erosion Control Program started in 1984 to accelerate erosion control efforts in 14 southeastern Pennsylvania counties. The program also covers 7 counties in Maryland and 1 county in Delaware.

Lancaster County is among 14 Pennsylvania counties that received $920,000 in Federal money targeted for saving the soil in the Mason-Dixon erosion control area during 1984. The money was used to furnish technical assistance and cost-sharing grants to farmers who employed conservation practices.

This program gained added importance during this year as increased emphasis was placed on correcting the pollution problems of the Chesapeake Bay. National environmental officials identified the Mason-Dixon program as a positive step to the beginning of the Bay cleanup. Phosphates and nitrates from farmland have been identified as one of the major water quality factors impacting the Bay.

"For this reason, there will be new funding for the Mason-Dixon Erosion Control Program in 1985", stated Bienko. Lancaster County farmers desiring additional information about the Mason-Dixon Erosion Control Program should contact the Soil Conservation Service at 299-1563 or visit the Farm and Home Center, 1383 Arcadia Road, Lancaster, PA.

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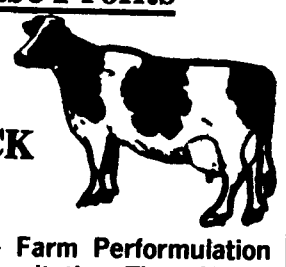

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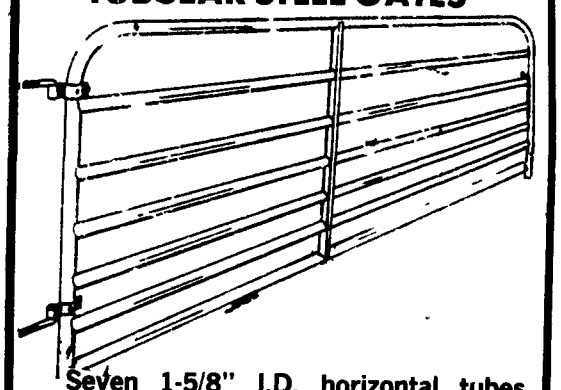

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Weed control crucial to reduced tillage

CHICAGO – Farmers are finding out that no-till, ridge till and other forms of reduced or conservation tillage can cut production costs and prevent soil erosion. But they are also proving what university researchers have been saying for a long time: reducing tillage results in increased pressure from tough-to-control broadleaf weeds.

"Farmers switching to reduced tillage should expect to see a big increase in annual broadleaf weeds, especially in no-till and where they aren't using a planned herbicide program," says George Hoffman, Velsicol Chemical Corporation technical field representative, Urbana, Ill.

To explore the extent of reduced tillage weed problems, Velsicol conducted several farmer focus groups. Farmers who switched to reduce tillage reported increases in velvetleaf, lambsquarters, and milkweed. Farmers in the northeastern U.S. reported that with reduced tillage more triazine-resistant pigweed and lambsquarters were showing up.

Hoffmann says using the correct herbicide program will control broadleaves in reduced tillage. He adds that a good reduced tillage herbicide program should control weeds until the corn canopies and shades out weeds.

"I recommend an early postemergence application of one pint of Banvel herbicide to control annuals and perennial seedlings," says Hoffmann. "Banvel provides enough residual soil activity to give good control until the corn canopies when it's applied to corn spike to five inches tall."

As part of an overall reduced tillage herbicide program, Banvel offers several other benefits, says Hoffmann.

"Banvel is water soluble, so it doesn't get tied up in the soil residue or organic matter. Banvel is also a translocating herbicide, so it moves into the plant and root system for a complete kill. With contact herbicides, you need perfect contact to the whole plant or the weeds will come back."

Hoffmann adds that Banvel can also be used in no-till to burn down a legume cover crop before planting corn. Legumes fix nitrogen for the corn and compete against troublesome weeds.

An early preplant burn down application of ½ pint of Banvel, followed by a preemergence grass herbicide and the early postemergence application of up to one pint of Banvel, will control grasses and broadleaf weeds until corn canopies.

Tax changes reported

NEWARK, Del. – A number of changes in procedures for calculating their 1984 federal income taxes can affect farmers. University of Delaware extension farm management specialist Dr. Don Tilmon has drawn up the following list of which producers should be aware:

* 1984 Tax Rate: 5 percent under 1983; about 4 percent over 1985.

* Zero-Bracket Amount for Those Who Choose Not to Itemize Deductions

Single taxpayers–$2,300 in 1984 and $2,390 in 1985.

Married, filing jointly–$3,400 in 1984 and $3,540 in 1985.

* Charitable Contributions for Taxpayers Who Choose Not to Itemize: The maximum deduction is 25 percent of up to $300 in 1984, or $75. In 1985 and 1986 the maximum will be 50 percent of an unlimited amount of direct charitable contributions.

* Income Averaging: 1984 taxable income must be $3,000 more than 140 percent of the average of the past three years.

* Capital Gains: The new six-month holding period for capital gains benefits does not apply to dairy cattle or other livestock.

* Section 179 Expense: This deduction remains at $5,000 per year through 1987.

* New 18-Year ACRS Class: This new depreciation class must be used for multipurpose barns, toolsheds, tenant houses for hired help and other general purpose farm buildings placed in service after March 15, 1984.

* Contemporaneous Records: To qualify for a mileage allowance beginning in 1985, IRS requires that a log be kept on a daily basis, listing mileage, date, place and purpose of travel. After-the-fact estimates will no longer quality.

* Installment Sales: For sales after June 6, 1984, the amount of gain to be recaptured as ordinary income (that is, gain equal to depreciation and Section 179 expense) is fully taxed in the year of sale, whether or not the money is actually received then.

Installment sales contracts between related parties should specify interest at no less than 6 percent on land and 9 percent on buildings, machinery and livestock, Tilmon says. These figures apply to family sales of less than $1 million.

* Investment Credit: The limit is $1,000 on the business share of a car or light-duty truck purchased after June 18, 1984. When business use is 50 percent or less, no investment credit is allowed and depreciation must be straight-line over a five-year life.

Safety gifts are a sign of love

EBENSBURG Give the gift of safety this year. This list is endless, from giving a child's safety seat to installing handrails on the steps and porches of someone's home.

"It's a sign of love to buy a safety gift such as a smoke detector or fire extinguisher. People are often afraid to give a safety gift because they feel people will think they're strange. Our culture just isn't oriented to giving this type of gift," says extension agent Ronald Hostetler.

Everyone can use a safety gift, perhaps a night light for the hall or bathroom, or abrasive strips for stairways and bathtubs. If you're having trouble thinking of a gift, try to remember when you saw the person doing something dangerous. Perhaps he or she was standing on a chair to reach a bowl, box or tool. If so, buy a ladder or stepstool of the appropriate height. For someone who has been storing gasoline in an unapproved container, buy an approved one.

Keep safety in mind when buying toys for children. Avoid toys with sharp edges, projections or small parts that could be swallowed. Follow the age recommendations on the package and choose toys that are well made and sturdy enough for children's play.

A different safety gift for children is membership in the Child Safety Club sponsored by the National Safety Council. Every six months, children aged three to five receive books on child safety at home, at play and in traffic. The books include puzzles and quizzes about safety and are designed to be used by parents and child together. For more information about the club, write to the National Safety Council, 444 North Michigan Avenue, Chicago, Ill. 60611.

"If giving a safety gift became a common activity, everyone would come to accept it and the custom of giving a safety gift would develop," Hostetler says.

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The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
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14 - Poultry & Supplies
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7 LIVESTOCK EQUIPMENT

HIGH-TENSILE FENCE SYSTEMS

3-13 Wire Systems Available
For All Types Of Livestock
And Deer Control

★ **Affordable** ★
★ **Durable, Strong** ★
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800 Number Available Mid December

Summit Fencing Systems	**Deer Creek Fencing**
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KIWI FENCE & TERRACING SYSTEMS INC.

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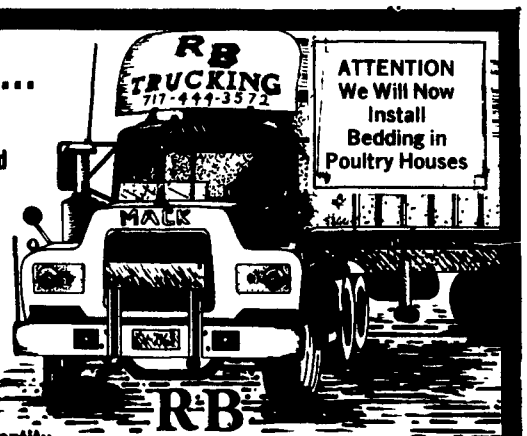
SAWDUST
Dry - Fresh Cut - Cured
SHAVINGS
Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity
TAN BARK
Fresh or Cured



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Kencove "New Zealand Style"
HIGH-TENSILE FENCE
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8 CATTLE

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All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms, 717-872-4058.

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3 black Angus bulls ready for service. Stump Acres. York Co. 717-792-3216.

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SIMMENTAL CATTLE
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Performance Tested and Registered
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OVER 150 NEW TRAILERS IN 14 BRANDS

NEW UNITS:
- 2 Horse Thoroughbred w/4 Wheel Brakes, 2 Escape Doors, Spare - $2695
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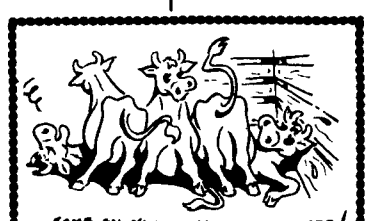

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Read The Real Estate Ads
In Lancaster Farming's Classified Section

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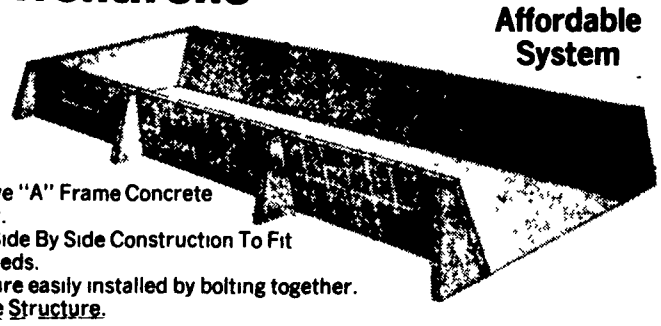
The Affordable System



Features:
- Exclusive "A" Frame Concrete Support.
- Allows Side By Side Construction To Fit Your Needs.
- Panels are easily installed by bolting together.
- Movable Structure.

"H" and "J" TYPE FEED BUNKS
Low Cost - Long Life

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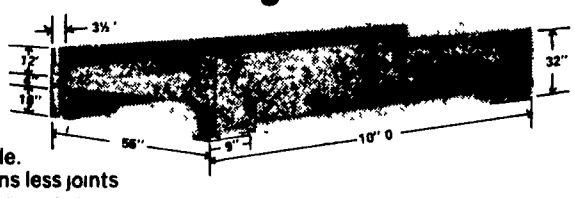

- Large Capacity.
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- Ten ft. length means less joints
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- More than strong enough to support roof system.
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough.
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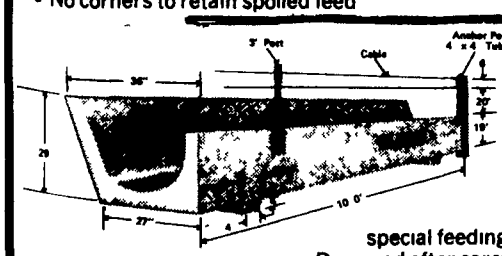

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- Feed your cattle with your chuck wagon. No special feeding equipment required.
- Designed after careful study of feeding problems
- Heavy steel reinforcing - for strength
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PH: 215-273-3776 or 717-393-3987
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Wanted To Buy
Registered Holstein Heifers, any age.

Write to Abraham S. King
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Approximately 60 bred beef cows, spring calving, various breeds, for sale now or spring delivery. Clinton Co., 717-726-3659.

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3 Purebred Jersey Cows. Will be fresh in 2 weeks. Phone: 215-495-6690.

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Young - Good Uddered Cows
Some Registered... AI Bulls
Call For Details
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Happy Holidays!

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Bred Suffolk Also Corriedale ewes. Bob Leslie, Cameron Star Rt, Waynesburg, PA 412-428-4110

Dairy Goats A.D.G.A. Nubians Pedigrees' milk records to 3400 lb. Does, bucks and stud service Price bargaining. Gettysburg, 717-334-7993.

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12 Ewes due to lamb. Call 717-442-4069 after 5 p m

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11 SWINE

If you have swine to sell or buy - check our swine column It is read weekly by thousands. 717-394-3047 or 717-626-1164.

Large selection of open gilts. Purebred and crosses, Miller's Yorkshire Farm, R.D. #1, Box 1366, Spring Grove, Pa. 17362. 717-225-1926

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Top Quality Feeder Pigs, 9 to 11 weeks old, 40 available. $1.00 per lb. Call 201-832-5324 or 201-747-0148.

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Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052 215-799-3375 or 3831

FOR SALE-Duroc Boars and Gilts Sweigard Durocs, RD 3, Box 639, Halifax, PA 717-896-3365

FOR SALE-Duroc & Landrace boars, registered, breeding age Tunnel Hill Farm, York Co 717-741-2170

FOR SALE-Purebred Hampshire boars, $350 and up. Kutztown 215-683-8446

FOR SALE-Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines
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NEXT SALE FEBRUARY 9, 1985
13 Duroc-5 Landrace-2 Yorkshire Boars
December Service
Open Gilts and Bred Gilts on Order

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3 Duroc Gilts by "Governor", Bred to "Truck", due Jan. 24, Feb. 1 and Feb. 12.
3 Duroc Gilts by "R.B. Extra", Bred to "Truck", due Jan. 27, Feb. 1 and Feb. 8.
8 Yorkshire Gilts, 4 Sired by "Austy", 5 carrying service to "Duke", Top Indexing Boar Ohio Test Station due Jan. 19, Jan. 22, Jan. 23, (2) Feb. 4, Feb. 17, Feb. 21, and Feb. 22.
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Bred Gilt Sale Jan. 14 & 15
Vaccinated-Rhinitis, Erysipelas, Lepto & Parvo. Validated Brucellosis & Pseudorabies free herds. Delivery available.

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SEASON'S GREETINGS

9 HORSES AND MULES

Belgian mare, 7 years old, 16.2H, red sorrel w/lt. mane & tail, proven brood mare, must sell immediately, $2,000 or best offer. Call evenings, 201-728-8216, ask for Ray.

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Moorman Mfg. Co. Gro-Strong horse minerals. For Service, 717-597-3031.

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Ponies For Sale. Phone 717-768-8080.

Pony For Sale. Best Offer 717-665-6203.

Registered Quarter Horse Colt, 2 yr. black, four socks, blaze. Quiet, $1,500. Perry Co. 717-567-3554.

9 HORSES AND MULES

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Saddlebred horse, family broke, good driver. Standard bred horses, some broke for road 215-267-3695.

1970 Reg. Quarter Horse Mare; Chestnut, Blaze, Four Sox, Foundation Bred; 15 hands; rides Western; in foal to "Prince's St. George" for May, $2500; Weanling Filly from above cross, Golden Palomino, Blaze, three sox; doll head, huge hip, $1250. 717-223-8950

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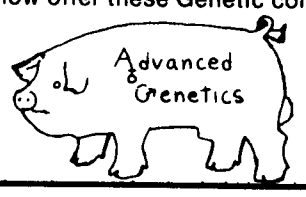

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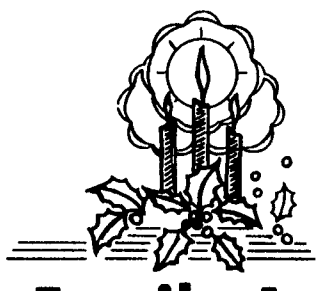
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13 HOG EQUIPMENT AND SUPPLIES

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- (3) New 6 Hole. S.S. Wet Finishing Feeders
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Moorman Mfg. Co. Hog & Beef Products for the best return on your mineral investment. For Service 717-596-3031

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TRI-COUNTY
PHONE 717-274-3488 LEBANON PA.
BUILDINGS SALES EQUIPMENT
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2,000 Sex Sal chicks hatched Dec. 14 Must move by 8 weeks. Contact Moyer's Chicks, 215-536-3155.

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6,000 C-5X Hart cups, brand new, never used. 717-684-8330 or 717-684-3496.

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STARTER PULLETS AVAILABLE
Floor Grower

Amount	Variety	20 Week Date
3,000	XL	11/30
5,200	XL	12/6
3,000	XL	1/10
5,000	XL	1/18
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4 Year Old Equipment From 44'x304' Breeder Layer House;
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	Sell Price Approx. ½ of new price
1200 Ft. Favorite Flat Chain	$400
1 - 40' Flex Auger With Drive, Motor and Switch	$384.00
4 - 36" ½ Hp Zimmerman Fans With Shutter and Thermostats	$320.00
2 - Choretime Power Packs	$175.00 ea.
1 - Choretime Static Monitor	$230.00 ea.
160 - Oak Roosts With 1"x1" Oak Slats 4'x14'	$20.00 ea.
4 - 24" Choretime Fans	$190.00 ea.
4 - Modulators	$70.00 ea.

This Equipment Is Not From An Avian Flu House

SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC
410 E LINCOLN AVE. MYERSTOWN, PA 17067 PH 717-866-7565
BEST IN DESIGN, PRICE AND EXPERIENCE

15 FEED AND SEED

Corn Silage for sale: Will deliver to your farm. Phone 717-872-4058.

Dry shelled sweet corn, good feed, 10% protein, $90 per ton - will deliver. Sweet corn silage from canning factory, $15 per ton - will deliver. 301-272-3638 day. 301-272-2620 night.

FOR SALE-Excellent quality mixed hay, $110 a ton delivered. Also other types of hay and straw bought and sold and delivered at reasonable prices. 717-739-2807. 739-2834.

FOR SALE-Hay, Straw, Corn, trailer load lots. We will deliver. 717-494-0550.

FOR SALE-Milow, 20,000 bushels, Dekalb yellow. Very high in protein & licin. $3.00 a bushel. 717:637-0192.

Alfalfa hay top quality 2nd, 3rd cutting. 21.5 percent crude protein, $150 per ton at barn. Bright wheat straw, $115 per ton. Lehigh Co. 215-679-8921.

Alfalfa second cutting $110.; first cutting $100.; Timothy $85. per ton, no rain. Call between 8 a.m. and 2 p.m. 717-998-2234.

Clean Timothy hay, $125 per ton. Delivered to Lancaster, Baltimore or DC area. 814-344-8659.

Corn Fodder for sale. Chester County, 215-932-5423.

For Sale: Delivered to your Farm: Cotton Seed, Distiller Grains, Citrus Pulp, Cotton Seed Hulls. 615-745-0750 Joe.

HAY FOR SALE: Alfalfa mixed with Orchard Grass; Alfalfa mixed with Timothy; Good Alfalfa first, second and third cutting. Sold at barn. Northern Chester County. 215-827-7687.

Hay For Sale Grass and Clover, first and second cutting, square bales or round bales, delivery available. Also Mulch Hay Southern Chester Co. 215-388-6501.

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer Wholesale, retail from manufacturer, dealer inquires invieted. Call collect. 301-343-0343.

Quality hay and straw, NIR analysis, delivery available, Heidel Hollow Farm. 215-767-1408.

Round Bales of mixed hay stored inside. Also, corn fodder, small sized round bale. Can deliver. 717-672-2279.

Straw Wanted -Wheat, barley or rye. Bright only. Pay $90 and up. We haul. Cash at local scale. Also need top Timothy. Evenings 215-588-7697. If no answer call 201-454-8259.

Sunflower local grown for bird food, cleaned and bagged, volume discount, $10 per bag (approx. 40 lbs.). Lehigh Co. 215-679-8921.

TIMOTHY HAY FOR SALE. 717-432-9704.

WANTED-Choice mixture hay, alfalfa and timothy or alfalfa and orchard grass. Must be top quality Please call 301-734-6906.

100,000 Bales of our own home grown hay; all kinds for horses or cattle; something for everyone; delivery available; 216-223-1491.

32% liquid protein, wholesale/retail from manufacturer. Dealer inquires invited. Call collect, 301-343-0343.

WANTED
All kinds of hay
Will pick up
Harvey Z. Martin
215-445-5303
Lancaster County

Choice Timothy & Alfalfa, Timothy & Clover and Timothy Hay
717-324-2841

Dried Brewers Grain
Whole Cotton Seed
Dried Corn Distillers
Custom Blended Minerals
Walking Floor or Dump Trailer Delivery
Dairy Ingredient Resources, Inc.
P.O. Box 1
Hyde, MD 21082
301-592-2982

FOR SALE-Oyster shells. Contact Nelson Weaver & Sons, Inc., Lititz, PA 717-626-8538.

FOR SALE-Old process soybean meal. H. Jacob Hoober, Intercourse, PA 717-768-3431.

WANTED
Ear Corn & Shelled Corn
RONALD S. KEENER
Elizabethtown, Pa.
717-367-6309

WHOLE COTTON SEED AND PEANUT HULLS
NAAMAN EBERLY
Paradise, PA
717-687-0990
717-299-3001

ROASTED SOYBEAN FOR SALE
Top Quality
Will Deliver
Call For Price
Turbotville, PA
717-437-2821

IF YOU HAVE GRAIN WE BUY
IF YOU NEED GRAIN WE SELL
Shelled Corn
Soybeans
Custom Drying - Contracting
NELSON L. ROHRER
Lancaster, PA
717-569-7929 717-569-4383

Buying Ear Corn
Shelled Corn
Picked Up At Your Farm or Delivered to Manheim
NOLL GRAIN
RD 2, Manheim, PA
717-665-4785
717-665-9463

BUYING SOYBEANS EAR & SHELLED CORN
CONTRACT OR SPOT PURCHASE
MARTIN GRAIN
R.D. #1 Mount Joy, PA 17552
717-653-1085

Buying and Selling
High Moisture Corn
Air Blown, whole kernel corn
3000 tons storage
Stern Farms
Call for price.
Trucking Available.
717-748-2563

15 FEED AND SEED

Wanted
Mulch hay.
Current prices paid.
Hudson Farms, Inc.
Call 215-869-2408
or
215-869-2409

SELLING HIGH MOISTURE CORN
Will Deliver
LUKE H. KURTZ
215-944-0263
Berks Co.

WANTED MULCH HAY
We need your hay.
BODMAN FARMS
Gerald Bodman & Son
717-799-5306

BUYING EAR CORN AND SHELLED CORN
Picked up at your farm or delivered to Marietta
Spot or contract prices available
60 ft. scale
CUSTOM DRYING AND STORAGE
R.K. VOGT GRAIN
RD #1, Marietta, PA
717-653-2510
"Customers make our day"

WANTED
ALFALFA, TIMOTHY & MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
717-786-3936
Lancaster Co.

WANTED
Top Quality Horse Hay & Straw
C.M. Schnelle
215-255-4378

M & R GRAINS, INC.
Mt. Joy, PA
717-653-8846
DRYING, STORING, BUYING AND SELLING SHELLED CORN AND SOYBEANS
Also Available - Roasted Soybeans

FOR SALE
Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales
717-529-2855
If no answer 717-529-2204

WANTED
Shelled corn and soybeans
Dealer in small grains, contract or spot purchase.
EARL R. MARTIN INC.
P.O. Box 3, East Earl, PA
717-354-4061

BUYING EAR & SHELLED CORN BARLEY, SOYBEANS & WHEAT
Receiving Daily
Rt 372 - 2 Mi
West of Buck, PA
PH: 717-284-4628
717-284-3362
MARK RISSER
Holtwood RD 1
PA 17532

Wet Brewers Grain - Sawdust
Ernest J. Tomer Trucking, Inc.
Box 168, R.D. 2
Philipsburg, NJ
08865
201-475-2578

CUSTOM GRAIN DRYING AND STORING
ASCS storage available
Fast Unloading and Loading
340,000 bushel storage
Receiving Saturdays & Late Hours In Rush Season
BUYING EAR CORN AND SHELLED CORN
Spot or Contract
Call for prices.
Picked up at your farm or delivered to Milton, PA
SHOOP GRAIN CENTER
R.D. 1, Box 282, Milton, PA 17847
717-524-0325

WANTED
ANY KIND OF QUALITY STRAW.
WILL PICKUP
717-392-6121

We'll buy your grain.
Delivered, or F.O.B. Your Tank
Grain Receiving in Lancaster, York, Palmyra
Call Pennfield Corporation at 299-2561
Area 717 or 215
Call Toll Free 800-732-0467
Outside of PA
Call Toll Free 800-233-0202
pennfield feeds

16 FERTILIZER

FALL SPECIAL BROILER MANURE
Cumberland Co.
$11.00 a ton
Dauphin & Adams
$12.00 a ton
717-582-2352
717-582-2358

LIME
Calko™ = Lime plus Potash and Sulfur.
Compare our analysis!
77% calcium carbonate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 4 5% Sulfate U S D A Tested & Proven Only $5.00 per ton F.O.B We Deliver!
Agri-Dynamics
Box 318
Martin's Creek, PA 18063
(215) 588-8150

FOR SALE
HI-CALCIUM
PULVERIZED, BURNT LIMESTONE
Analysis: 90.53% Calcium Carbonate Equivalent
95% Passing 100 Mesh
Hi-Mag Lime Available Also
* Damp Lime (Spread w/Spinner Trucks) $9.40 Per Ton
* Dry Lime (Spread w/Boom Trucks) . . $11.90 Per Ton
Prices Are In Zone #1 - Call For Prices In Your Area.
We Deliver Anywhere
KEYSTONE AG
Myerstown, PA 17067
717-933-4400 Call Anytime

BROILER MANURE FOR SALE
Delivered in 22 ton trailer loads
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QUALITY FEED INGREDIENTS
(Reasonable Prices)
* 48% Soybean Meal
* Dried Corn Distillers
Soybean Hulls
Shelled Corn
* Blower Truck Delivery
* Dump Trailer Delivery
* F O B Our Tank or Right From The Railroad Car
3 Ton Minimum Delivery
Lock in These Low 48% Soybean Meal Prices.
Pricing Meal into next summer.
Buying Dried Shelled Corn
HERSHEY AG SERVICES
R.D. 1, Box 139 Marietta, PA 17547
Call Collect 717-653-8783

BUYING WHEAT CORN & SOYBEANS
CONTRACT OR SPOT PURCHASE
480,000 bu. Storage capacity
Fast unloading, digital printout scales
HOSTETTER GRAIN
RD 1, Oxford, PA
Located along Rt. 10 between Russelville & Oxford
215-932-4484 business
215-932-9599 Residence

ATTENTION FARMERS
SURE-CROP LIQUID PLANT FOOD
If You Are Planning Ahead And Want To Save On Your Spring Fertilizer Costs, Act Now. With Our New Early Order and Prepaid Discounts You Can Cut Your Planting Costs Substantially.
Take this opportunity to lower your costs and increase your yields and profits.
As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product.
Don't Delay Call Today
Sure-Crop Is Working To Increase Your Profits
To Order Or For More Information Call Or Write The Manufacturer.
KELMANADA INC.
RD #2 Box 4210 Grantville, PA 17028
717-469-2864
Sales People Wanted

16 FERTILIZER

Chicken Manure in Adams Co., $4.50 a ton Call 717-393-1490.

Free liquid hen manure You pay to haul. Red Lion Area. 717-244-6114

WANTED-Chicken litter out of silo, will pick up 301-833-1847

$ FARMERS SAVE $
USE MUSHROOM SOIL AND POULTRY MANURE FOR FERTILIZER

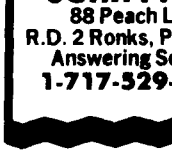
MAHLON H. MARTIN & CO.
717-859-3348
or 215-267-6400

17 PLANTS

YANKEE MUMS: These hardy perennials grow well in pots or beds, blooming all year, producing beautiful cut flowers whenever desired. Mixed colors and types. INSTRUCTIONS YANKEE BUBBLER, Box 162, Odessa, NY 14869.

21 SERVICES OFFERED

J. C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke Control. Lawn and Shrubbery Spraying. Free estimates. 1278 Loop Road, Lancaster, PA. 717-397-3722.



DANIEL S. SMUCKER
BUILDER
AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
R.D. 2 717-768-8606
Narvon, PA 17555 717-768-8614

21 SERVICES OFFERED

RUSCO HYDRAULICS, INC.
RUSCO EST 1947
Formerly Roy E. Ulrich Supply, Inc.

We Provide Parts and Services For All Types Of Hydraulics.
Custom Made Hoses and Honing.
Give Us A Call - Or Stop By "Let Us Solve Your Problems"

Pick-up and Delivery Available...

131 Elmwood Rd., Lancaster, Pa.
Just East of Lancaster off Rt. 340
(Near Carter Lumber)

Open Mon.-Fri. 8-5, Sat. 8-12
Phone 393-0401 or 1-800-732-3501

Light hauling done, also lawn mowing done after March 1985. 215-647-4429. Call after 5:00 p.m. weekdays and 8:00 a.m. Saturdays and Sundays.

REPAIRING and servicing Ford tractors. Experienced. Low overhead, low rates. Will do other makes as time permits. Leb. 717-273-3679.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

ALL TYPES CARPENTRY
Additions, remodeling and
Dry Wall work.
Free Estimates.
John F. Esh
88 Peach Lane
R.D. 2 Ronks, PA 17572
Answering Service
1-717-529-2878

CATTLE HOOF TRIMMING
TOM FREY
717-872-2132
Lancaster and surrounding counties
Call Now To Schedule Your Trimming In Jan. of '85

Bradford's Cattle Hoof Trimming. 301-452-8574 or 301-838-5105 (Ans Ser.).

CATTLE HOOF TRIMMING. Chip Hendrickson, Sam Swearingen, Lewistown, PA. Distance is not a concern. 717-242-3095.

Financing Available for Farm non-licensed equipment. Minimum of $10,000. Reply to: Lancaster Farming, P.O Box 366 K-41, Lititz, Pa. 17543.

WANTED
Custom hauling
with 5th wheel trailers.
Hay, Farm Machinery, almost anything
717-933-4616

HOOF TRIMMING
M.D. Herr
717-665-2718
Lancaster and Surrounding Counties

23 HELP WANTED

Christian person to work in sawmill. Paid holidays and vacation. Good benefits. Reinholds area. 215-484-2708 before 9:00 p.m.

Christian herdsperson for 80 cow herd in southern Lanc. Co. Must be experienced. Lancaster Farming, P.O. Box 366, R-26, Lititz, PA 17543.

Delivery driver-class 3 license; Person to tend chicken houses and learn processing operation. Apply in person Kreider Poultry Farm, Manheim. 717-665-2616.

Experienced help to strip tobacco. 717-872-7801.

Experienced person, full-time farm work, house available, give references. Reply to: Lancaster Farming, P.O. Box 366 A-30, Lititz, PA 17543.

AG SALES OPPORTUNITY
Salary, Expenses, Commission
Professional sales training provided. Sales experience or Ag background desirable, submit resume in confidence to Lancaster Farming, PO Box 366-A-27, Lititz, Pa. 17543.

Block Layers and laborers Will train. 717-442-8020.

HELP WANTED ON DAIRY FARM-For milking and general farm work. Must be experienced and have references. House and other extras provided. 717-564-2277.

Help Wanted: Person for milking and dairy farm work. Manheim area. Write: Lancaster Farming, P.O. Box 366 K-46, Lititz, Pa. 17543.

Herdsman for 550 sow farrow-finish operation. Housing. Send resume to: Lancaster Farming, P.O. Box 366 K-48, Lititz, Pa. 17543.

Prefer Christian Herdsman for 100 sows farrow to finish. House available, insurance, salary and bonuses. Call after 4 p.m. 215-682-2871.

REAL ESTATE FARM AGENTS NEEDED: Lebanon, Berks, Lancaster, Dauphin, Schuylkill Counties. Call or Write: REAL ESTATE BROKER—AUTIONEER NELSON EBERSOLE 717-867-5221. SUBURBAN REALTY-FARM DIVISION, 30 West Main Street, Annville, PA 17003.

Responsible person for outside work on a large dairy farm, no milking, must be dependalbe, self starting and mechanical aptitude, must be high school graduate and interested in working with good registered holsteins. Location: Kent Co., MD. Good salary and benefits. References needed. 301-778-2372 between 8 AM & 4 PM.

ROSE GROWER - steady, fulltime greenhouse work growing roses as cut flowers. Alternating 6 and 6½ day weeks. Agricultural experience necessary. Company provides benefits and is located near Willow Grove, PA in Eastern Montgomery County. Please reply to: Lancaster Farming, P.O. Box 366 R-20, Lititz, PA 17543.

SALESPERSON/MANAGER SOUGHT BY PRODUCERS COOP. MUST KNOW VEGETABLES, SALES AND MANAGEMENT. SALARY OF $16,000 PLUS COMMISSIONS. SUBMIT RESUME BY JAN. 15, 1985 TO: PIONEER VALLEY GROWERS ASSOCIATION, 198 LONG PLAIN RD., SOUTH DEERFIELD, MA. 01373.

Sales position open - to travel NE counties of Penna. representing established wholesale distributor of farm equipment, lawn & garden equipment and hardware lines, calling on dealers of above equipment. Draw against commission, medical and fringes. Reply to Lancaster Farming, PO Box 366, L-45, Lititz, Pa. 17543.

WANTED: Herdsperson for 60 cow Holstein Dairy in Southern Chester Co. House and benefits provided. Send resume to Lancaster Farming, P.O. Box 366, K-44, Lititz, Pa. 17543.

WANTED-Herdsman on Somerset Co. dairy farm. Send resume to Wayne Schrock, RD 3, Berlin, PA 15530 or call 814-267-3389.

HELP WANTED
For milking cows on a large dairy farm in Lancaster County.
Write:
Lancaster Farming
P.O. Box 366 K-47
Lititz, PA 17543

Herdsperson wanted for 200 cow dairy. 2 Person team preferred but not mandatory. DeLaval milking parlor. Responsibilities include milking, AI breeding, record keeping, maintaining herd health. Good salary and housing provided. 6 Day work week. References required. 301-874-5229.

Herdsperson for Holstein Dairy, experience necessary, top salary, housing and benefits. (20 miles east of Allentown, PA) 201-859-2616.

Historic renovation craftsman needed to begin November. We are looking for varifiable experience and sensitivity to building restoration. Masonry, carpentry, plastering, painting, roofing and related skills needed. Both individuals and subcontractors. Call 301-879-5447.

Husband and wife team or 2 sisters to milk on large NE PA dairy. Must be experienced withh at least 100 cow herd, housing provided. Call 717-278-3924.

March 1, 1985, farm experienced couple or family to operate and manage a 78 acre stocked dairy and equipped farm. For more information call 717-733-2900 or write Schantz Farm, RD 1, Springville Rd., Ephrata, PA 17522.

Married person for general dairy farm work with the option of working into profit sharing. New 3 bedroom house provided. Insurance and other benefits. References required. Chester Co. Send replies to Lancaster Farming, PO Box 366-L-46, Lititz, Pa. 17543.

NEEDED: Christian person experienced in poultry for a medium sized modern operation. References required. Lancaster County. Write to Lancaster Farming, PO Box 366, A-23, Lititz, Pa. 17543.

Position #1
HERDSMAN WANTED
Modern 150 cow milking herd. Milking parlor, takeoff, must have experience in breeding and herd health care.
Position#2
AGGRESSIVE PERSON to feed dairy cows and heifers. Some milking, and some field work. Will consider man and wife. Housing available, good wages and benefits. Franklin Co. Opening in spring. Lancaster Farming, P.O.Box 366, K-45, Lititz, PA 17543.

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
717-266-5611

Dairy Farm Employees Needed Now!
Many excellent opportunities.
References, relocation and recent dairy experience required.
Employers pay us.
515-394-3145
AGRIcareers
New Hampton, IA 50659

23 HELP WANTED

ASSISTANT HERDSMAN FOR 1,000 COW DAIRY HERD
New position being created for person in reproductive management with computer background. Also, will be doing some milking.
Call Doyle Waybright
717-334-3389

ESTATE CARETAKER/FARMER
Seek quality-minded farm manager. Must be self starter with experience and good references. Live on farm in Bedminster in 3-bedroom home. Reply by letter to:

M.A. Adams
The Johnson Co., Inc.
630 5th Ave., Suite 918
New York, New York 10111

Farmers Home Administration (FmHA), in an effort to integrate government and private sector expertise in the administration of FmHA farm loan programs, provide expanded services to farmers in financial stress, and obtain assistance in servicing its caseload, will issue contracts to farm management associations, agriculture lenders, private farm management firms, and agriculture consultants who provide professional farm management and financial analysis expertise This contract is being solicited under provisions of 41 USC 252 (c) (1) This procurement is totally set aside for small business concerns If interested, make inquiry prior to contemplated solicitation closing date of 3:00 P.M., Monday, January 21, 1985, for a copy of the solicitation proposal, after which proposals will not be accepted Please contact the FmHA County Office located at 1 North New St, West Chester, PA 19380, phone 215-436-9541, for further information

SUBJECT: Contracting for Management and Financial Analysis

Farmers Home Administration (FmHA), in an effort to integrate Government and private sector expertise in the Administration of FmHA farm loan programs, provide expanded services to farmers in financial stress; and obtain assistance in servicing its caseload will issue contracts to farm management associations, agriculture lenders, private farm management firms, and agriculture consultants who provide professional farm management and financial analysis expertise

This contract is being solicited under provisions of 41 USC 252 (c) (1). This procurement is totally set aside for small business concerns.

If interested, make inquiry prior to contemplated solicitation closing date of 3:00 PM, January 02, 1985, for a copy of the solicitation proposal, after which proposals will not be accepted Please contact the FmHA County Office located at 1383 Arcadia Road, Room 5, Lancaster, PA 17601, phone number (717) 393-4760 for further information

Farmers Home Administration (FmHA), in an effort to integrate Government and private sector expertise in the Administration of FmHA farm loan programs, provide expanded services to farmers in financial stress, and obtain assistance in servicing its caseload will issue contracts to farm management associations, agriculture lenders, private farm management firms, and agriculture consultants who provide professional farm management and financial analysis expertise

This contract is being solicited under provisions of 41 USC 252 (c) (1) This procurement is totally set aside for small business concerns

If interested, make inquiry prior to contemplated solicitation closing date of 3:00 PM, February 15, 1984 for a copy of the solicitation proposal, after which proposals will not be accepted Please contact the FmHA County Office located at 528 East Penn Avenue, Cleona, Pennsylvania 17042 Phone Number (717) 274-2879 for further information

24 SITUATIONS WANTED

WANTED-Estate caretaker with living quarters. 717-286-8871.

25 BUSINESS OPPORTUNITIES

A Growing Family Business in Mennonite and Amish community on 10 acres of prime soil. 1 acre asparagus, remodeled 4 bedroom house plus other buildings. 8,000 sq. ft. of floor space for business which consists of making boat covers, truck tarps, etc. Also retail store of shoes and camping supplies. Walk in and take over for under $200,000.00.

DAN YODER, JR.
R.D. #1, Box 193
Thompsontown, PA 17094

"Farmer - Business Man" Open Steel Building Dealership, High Potential, Profits, Available Part-time or Full-time in your area. To apply call. Wedgcor 303-759-3200 Ext. 2407

FOR SALE: Family restaurant with seating for 50. Doing a high volume of business. Owner retiring. Located near New Bloomfield in heart of Perry County. Takes a lot of work and time but is good money maker. Building, inventory and all equipment included. Less than $100,000. Price negotiable. For full details write Kenneth S. Landis, RD2, Box 215, Mifflintown, Pa. 17059.

26 HOUSEHOLD

For Sale: Antique Organ-Kimball, Warranty dated 1900, extra fancy oak cabinet, extensive carving, mint condition-except bellows, 6½' high, perfect mirror, stool with claw feet. 814-793-2428.

30 COMPUTERS

Don't be a slave to your computer; get GOOD software. Farm Software Services, Bernville, PA. 215-926-3167.

27 PETS

AKC Norwegian Elk Hound pups for Christmas. Leola. 717-656-6352

Australian Blue Heeler Pups, (Cattle) nine weeks old. Worm but no shots, stocky built pups from good parents, $50 each. 2 Female, 4 Male. 201-496-4302.

Beautiful border Collie pups, purebred, registered, from imported working stock-World's Finest Bloodlines. $200 each. 717-756-2705.

French Angora Rabbits, different ages and colors. $15. Call before 10 AM 717-235-1014.

Male AKC Norwegian Elkhound puppies, Champion bloodlines, excellent disposition, under $150. 717-733-4640.

Registered Australian Shepard puppies, natural herders and dependable watch dogs, assorted colors. Perfect Christmas gift. $50 and up. 814-847-2869.

Registered Border Collies, proven working dogs. Puppies: 6, 12, and 14 weeks old. Some already starting to work, some in training, some trained. SOUTHDOWN EWES. H. James Shearer, 388 Hershey Mill Rd., Mountville, Pa. 17554.

Toy Chihauhau AKC 11 weeks, 2 males black & white, 1 pair long hair; male tan, female white & black, $250 each. Shots & wormed. New Castel Co. 302-834-9411.

TYGMY GOATS-Great Pets. Clean, easy, leashable. Good with all animals. 215-646-7992.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
Charlie Hackett
mornings.
1-215-924-8882

WANTED-Puppies for pets. AKC purebred mixed litters 717-442-4259

PUPS WANTED

I will buy your unsold Christmas puppies December 26. I will be in the Kirkwood area, 1 PM; Georgetown, 1:30 PM; New Holland, 2 PM; Manheim area 3 PM. If you have pups to sell, contact Jo Jo for details. Because of the Christmas Holiday, pups are purchased by appointment only.

I Need 150 Pups Wed., Dec. 26

Pure and Mixed Breeds Purchased
If you have any questions, phone
609-452-8903
For best results Phone
Mornings 7-9
Other Times -
Keep Trying

And a Prosperous New Year

PS: Winners of Dec. 18 Cutest Puppy Contest
1st Prize $50
Elam R. Hoover, Ephrata For Cute Cockers
2nd Prize $25
Aaron H. Hoover, Bethel
Lovely Cock-A-Poos
3rd Prize $25
Abram Martin, Lititz
Pom Pom's w/ personality

31 NOTICE

SUBJECT: Contracting for Management and Financial Analysis

Farmers Home Administration (FmHA), in an effort to integrate Government and private sector expertise in the Administration of FmHA farm loan programs; provide expanded services to farmers in financial stress; and obtain assistance in servicing its caseload will issue contracts to farm management associations, agriculture lenders, private farm management firms, and agriculture consultants who provide professional farm management and financial analysis expertise.

This contract is being solicited under provisions of 41 USC 252 (c) (1). This procurement is totally set aside for small business concerns.

If interested, make inquiry prior to contemplated solicitation closing date of 3:00 PM, January 31, 1985, for a copy of the solicitation proposal, after which proposals will not be accepted. Please contact the FmHA County Office located at 44 South Franklin Street, Gettysburg, PA, Phone Number 334-9231 for further information.

32 MISCELLANEOUS

Pole Buildings 24'x40' completely erected $3,975.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Call Anytime.

SATELLITE SALES AND SERVICE: Complete system as low as $2295. 100% financing available. Advanced Communications. 717-392-1222.

Used Barn Cleaner Paddles; New Berg Chain, $7.95. Quick attach. garden tractor 3½KW standby; PTO35KW. Lowest price around; Uni-Loader. Lanc Co. 215-445-5309.

We Pay Top Prices For Standing Hardwood Saw Timber
Weaver Bros. Sawmill
Beaver Springs, PA
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collect
after 5 PM

32 MISCELLANEOUS

NOTICE - Will do any kind of hauling to Western and Upstate Pa. Also New York. From Lancaster and surrounding areas. 717-392-6121 evenings.

Bandsaw Blades made to order. Wood or metal cutting. Will mail. Martin's Sharpening. R#1, Ephrata, Pa. 17522, 717-733-0511.

Bought and sold new and used cardboard boxes, drums, plastic scrap. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

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East Safe, double door, 60" high, 28 deep, 37½ wide, good condition, $375 or best offer. 215-542-7980 or 215-646-9057.

Electric Yale crane truck K42 SH-6-7-78 maximum capacity, 6,000 lbs. $2,500. 215-542-7980. 215-646-9057.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment. Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169.

FOR SALE-4 25,000 gal. above ground welded steel tanks, 15'x18'3", excellent condition. If interested, please contact John Byler 717-866-2105.

Amish carriage, good condition, 8 yrs. old. 215-273-3374.

For Sale: Warm Morning coal stove, good condition, $500. Call 717-369-5234, Franklin Co.

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Self-Contained Composting Toilet
Needs No Water Or Chemicals

Replaces conventional septic systems with a self-contained bioconversion appliance • Eliminates wastewater discharge • Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odorless operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space.

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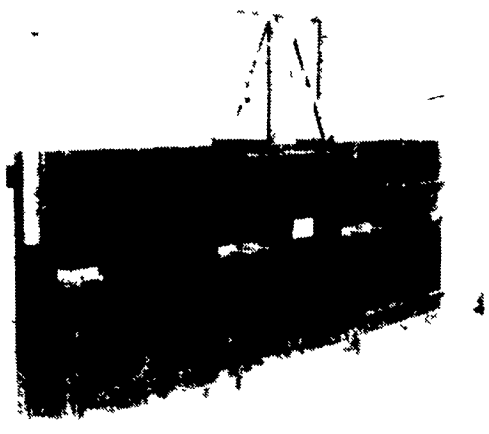

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A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs These can easily be stacked or stored.

The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available. After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tabacco to be processed in less time

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

Bale Unit Only $295.00
w/Manual Jack $340.00
w/JAir Cylinder $525.00
We have cotton tobacco twine in stock.

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Merry Christmas

32 MISCELLANEOUS

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5 to 9 P.M.

For Sale: 10 Markel Electric Baseboard Heaters with Thermostats; 1 Electric Water Heater; 1 Holland Hot Air Furance #220 with fan and duct pipe; All for one thousand dollars. Call 717-345-8367 Schuylkill Co.

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14x20 walk in cooler w/meat rails. New compressor. Also, 24' produce case, excellent condition. Berks Co 215-683-9086.

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Scabbling has become the most efficient way to end slick concrete problems. Hundreds of farmers have found it both effective and economical.

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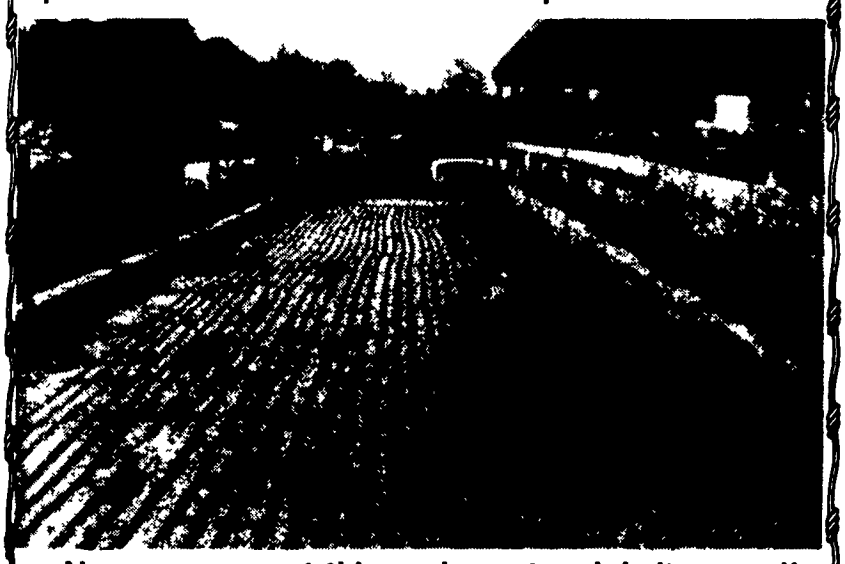

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Hagerstown, MD Please call us Collect (301) 790-1303

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34 AUTOS

For Sale. Vega Wagon '75, stick, new clutch, clean car. $850. or best offer 717-367-1686

35 TRUCKS AND TRAILERS

84 Ford F250, 6.9 diesel, 4 speed, 9,000 GVW, PS, PB, AC, Explorer package, 2 tone blue and silver, electric brake controller, 17,000 miles, new condition. Also, 84 Stoll gooseneck livestock trailer, 28' long x 6' wide x 6'10" high inside. Interior padded with rubber and plywood. Adjustable gates, lockable storage in nose. 20,000 GVW, less than 10,000 miles, new condition, will sell as package or separate. 215-273-3789.

'84 Ford HD F250 ¾ ton 4x4, 351, 4 speed, PS, PB, AM-FM, 10,000 miles, 8600 GVW, regular gas, like new. $10,500. 717-733-2873.

1980 Chevy C30, 4 wheel drive dump truck, V8, 4 speed, PS, PB, new dump body, 38,000 original miles. COLEMAN'S 717-692-2086.

1980 Dodge ¾ ton club cab pickup, 318 4 speed, PS, PB, AM-FM, sliding rear window, dual tanks, 7500 GVW. $4,600. 717-733-2873.

1979 Ford F350 dump truck, PS, PB, new dump body, excellent condition. COLEMAN'S 717-692-2086.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871.

Rollback machine truck, 1966 IHC 190, V8, 2 S.P.D. rear with Swartz 24' rollback bed and winch. $7,700. Call between 9 and 4. 201-782-6734.

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1969 Ford cab-over with 1024 cubic foot self unloading van body. Has 175 HP Cat diesel, low milage since overhaul with 5 speed transmission, 10:00x20 rubber, excellent running truck. Must sell. Call evenings at 717-394-3752.

1971 Ford Louieville w/24' Groves body $15,500; 1976 Chevy C60 w/rollback body $8,800. 607-642-8688

1972 Ford 8000C 10 wheeler, 225 HP cat, 13 speed road ranger, 22' bed with 4' extension, new clutch and transmission. $7,200 or best offer. After 6 PM ask for Ivan 717-768-3052.

1974 White 1355 three speed, over under shift with cab, 137 h.p. $6,800. 215-759-0486.

1976 Int'l Loadstar 1600, V8, PS, 2-speed, 14' cattle bed. Good rubber, no rust. $4600. 717-653-4851 days, 717-653-2284 evenings.

1977 LN7000 Ford cab and chassis, 3208 Cat motor, 5 SP, 2 SP, PS, good condition. $7,500. Bucks Co. 215-297-8354.

1978 GMC 6500 dump truck, 427 engine, 5 SP transmission, 2 SP rear, air brakes, 59,000 miles, excellent condition. 18 ton general tag-along trailer. 201-689-3586.

'70 International CO1810A, 392, major overhaul March, 18' aluminum bed. All or will separate. 717-786-1882.

72 Chevy #30 EBY cattle truck, 10', newly inspected, Berks. 215-693-6007.

'79 Ford Ranger super cab pickup, 400 auto., PB, PS, air, cruise, AM-FM, dual tanks, sliding rear window, 54,000 miles. $5,950. 717-733-2873.

8' pickup dump bed, good condition, estimated at dumping 2½ ton. $950. 304-289-3764 after 5 p.m.

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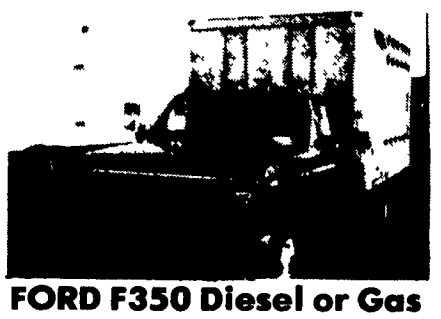

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The E-Z DUMPER is hydraulically operated and is powered by the 12 volt truck battery. The safe removable key switch is standard equipment. The dump angle of 47° assures quick and clean unloading. The removable tailgate can be opened from the top or bottom for easy flow control.

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35 TRUCKS AND TRAILERS

'77 Jeep pickup, J-20, 4x4, 360, 4 BB headers, 5th wheel ball. Needs body work, $2,500 or make offer. 717-786-1882

80 Dodge 1-ton club cab pick-up, dual wheels, 10,000 GVW, PS, PB, air, AM-FM-CB, $6,500. Northampton Co. 215-588-6582

'82 Ford F250 ¾ ton pickup, 300 6 cylinder, HD, 4 speed, PS, PB, 42,000 miles. $6,400. 717-733-2873.

'83 Ford F250 ¾ ton pickup, 300 6 cylinder, HD, 4 speed, PS, PB, dual tanks, 8600 GVW. $7,400. 717-733-2873.

'84 Dodge ½ ton, 4 WD pickup, 6 cylinder, heavy duty 4 speed, PS, PB, 8,000 miles. $8,500. 717-733-2873

'83 Chevy Silverado, 1 ton dual wheel pickup, 454 4 SP, PS, PB, Air, AM/FM, with fifth wheel hookup, 19,000 miles. $10,900. 717-733-2873.

'83 Ford F250 Ranger XLT super cab pickup, 460 auto., PB, PS, air, cruise, towing package, dual tanks, AM-FM, 8900 GVW, like new. $10,900. 717-733-2873.

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May you and yours experience all the peace and happiness that this season has to give. Many thanks.

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(2) 1983 Ford Ranger Pickup

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B-42 Mack s/a tractor gas, very good cond. Also, 20 ton LoBoy trailer with rear ramps, very good cond. After 6 PM 215-965-9719.

Cummins 220 diesel engine, good shape, suitable for truck or power units. $2,000. negotiable. 304-289-3764 after 5 p.m.

FOR SALE-1700 Int. truck 1973 with 18' Eby cattle body. Will consider selling truck and body separate. 717-637-0206 or 637-4887.

FOR SALE-1975 GMC Astro, tandem, 290 Cummings, 10 Speed, Road Ranger, $6,000. 215-255-5211.

FOR SALE-1 Daffin mobile grinder with 125 HP diesel engine on 1962 GMC truck. 1 PTO Daffin mobile grinder on International diesel Loadstar 1700 truck, new motor, new tires. 717-582-2391.

FOR SALE-1967 Chevy ½ ton pickup, needs body work, no inspection. Best Offer. Lanc. Co. 717-656-8052.

Ford LN800 1977 389 V8, 5 & 2 speed, PS, 1000x20 rubber, 27,500 GVW, 22'duralite van body. Will sell with or without body. 1977 Int. 1800 446 V8, Gas, 5 & 2 Speed, PS, 1000x20 rubber. 1978 Int. 1800 446 V8, Gas, 5 & 2 speed, PS , extra long wheel base. 301-877-9889.

General engine, 12 ton tag along trailer. $2,500. Bucks Co. 215-297-8354.

G.M.C. Window van, 1974, runs good, fair body, automatic transmission, $900. New Jersey, 201-697-2910.

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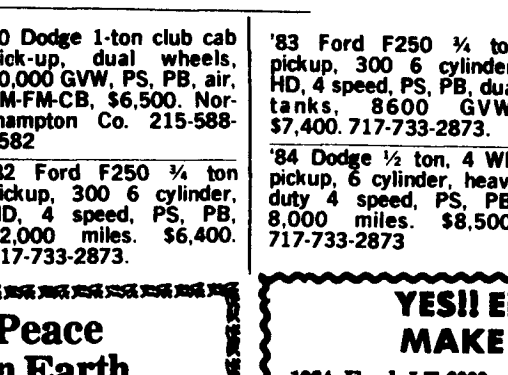

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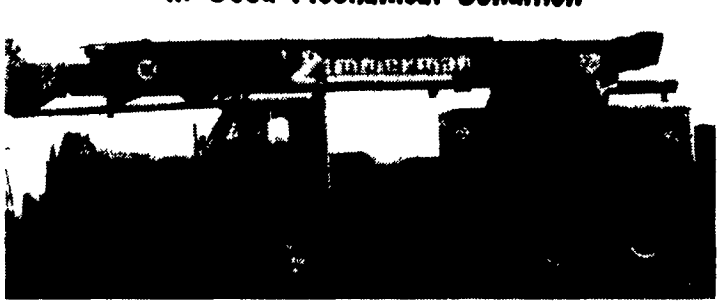
PETTIBONE MODEL 25T TRUCK CRANE

•12½ Ton Capacity •60 Ft. Boom, 10 Ft. Jib

In Good Mechanical Condition



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36 REAL ESTATE

A fine Southern Pa. estate comprising 286 acres, gracious Victorian style residence, historic registered and famous Round Barn with orchards, 8 miles west of Gettysburg just off US Rt. 30. Situated on the hillside of 170 acres, 5 varieties of fruits are produced. The lower 111 acres utilized for field crops. Property could easily support horses. Barn was designed with 12 stalls for horses and 25 for cattle. The house is all country right down to the outside dinner bell. A 3 story home with 6 bedrooms with closets plus 2 extra rooms on the 3rd floor. Interior trim is natural oak throughout. Potential exists for restaurant, farmers market, bed in breakfast or all three. Only qualified and serious prospects apply please. Price $550,000. Please call Cliff Germano at Randall B. Inskip Real Estate, Inc. Better Homes & Gardens, 717-334-7675

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FOR SALE-80 acre farm 1922 Quarry Rd., Lebanon, PA. Good barn and implement shed, large corn crib, ground in high state of cultivation. Modern 2 story house, 5 bedrooms. Call Owner at 717-867-2053.

For Sale By Owner: 32 acre small operating dairy farm. 20 tillable acres, pasture, woods and large pond. Large barn, outbuildings, new 12x60 silo. Nice 4 bdr. farm house, new well. $119,900. Southern York County. 717-382-4145

Farm For Sale by Owner upstate N.Y. 175 acres, dairy in operation, bare or stocked and equipped. Reasonable price. 315-628-5722

FOR SALE BY OWNER-360 acre dairy farm. 155 acres tillable, 95 tie stalls on pipeline, 1,000 gallon bulk tank, heifer barn, attached machine shed, (2) 20x50 silos with unloaders, good 10 room house, 2 bedroom trailer. Located in Central NY. $125,000. Lancaster Farming, P.O Box 366, R-27, Lititz, PA 17543.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

NEW TO THE MARKET. Upstate NY, excellent farm, 250 acres, beautifully renovated 3 bedroom stone house. 90 head of cattle, all machinery, 2" steel pipeline, 1,000 gal. bulk tank. $450,000. Ann Ostasz Realty, Little Falls, NY. 315-823-0095.

NEW YORK STATE-Wyoming Co. dairy farm, 220 acres, 160 tillable, good alfalfa farm with year round stream. 57 stalls, 20x68 concrete silo, 2 houses, main farmhouse has 10 rooms, newly remodeled kitchen and fireplace in family room. 2nd house could be made into two family house. 135 head of Hi-Grade home raised Holsteins, 65 cows, balance bred and open heifers. Clean line of farm machinery that has always been stored inside. Additional land available to rent. Call Donald Yahn, Salesman, 716-494-1647, Harris Wilcox, Inc., Broker, 716-494-1880.

Newberry, S.C. for sale or trade. Modern operating dairy, 18,850 rolling herd average, double four herring bone, 162 free stalls, 20,400 bushel grain storage, 3800 sq. ft. house, cows, machinery, much more. Owner, 803-276-2895

Prime New York State vegetable or dairy farm. 107 acres, 95 tillable, house and barn. Located 3 miles north of Penn Yan. 716-526-5816 or 315-536-4721.

Sale by owner: 75.9 Acre farm in York Co., Pa. Bank barn, garage, two story house, productive ground, woods, pasture, stream, walnut trees, 1900 ft. highway frontage, excellent view. For appointment call 717-854-6884.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000: Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency, 814-447-5511.

The heirs of Abner Showers offer for sale his farm of 90 acres plus. Buildings not in best of shape. Located just outside Turbotville, Northumberland Co. For further information contact Preston L. Davis, Esq., PO Box 319, Milton, Pa. 17847. Phone 717-742-8777. Offers being accepted until Jan. 1, 1985.

2 acre lot, with 2½ story house, full basement, 5 bedrooms, full bath, large eat-in kitchen, hot water heat, 25x35 barn, young orchard. By Owner. Brecknock Twp. 215-445-4467

322 acre Northeast Missouri Farm, 280 tillable $1.00/acre taxes. Attractive, Assumable mortgage. $335,000. Lancaster Farming, P.O. Box 366, R-24, Lititz, PA 17543.

60 ACRE Dairy Farm ready to go. Amish area, west of Gap.
2 ACRE property, large chicken house, large 4 bedroom home, large garage and shop, east of Intercourse.
32 ACRES, beautiful level land, Bartville area
CHARLES H. FORREY, Broker, 717-464-5126 or 717-687-6053.

67 Acre farm, approx. 60 acres tillable, four bedroom house, barn, sheds, silo, pond. Will help finance. For more information call Robesonia, 215-693-5624, Berks Co., Pa.

69 Acre farm near Gettysburg. Adams Co. Private location, 2 bedroom farm house, $112,500. 717-334-3293.

FARM FOR SALE-Southern Huntingdon Co. near State Game Land Along Rt. 35 Near Shade Gap. Good barn and house. Owner Finance. After 6 PM 814-259-3469.

Wanted to rent or buy: Suitable dwelling for bulk food store with or without house in Mennonite area. Abram Zimmerman, Rt. 2, Manheim, Pa. 17545. 717-665-4185.

Wanted: Would like to purchase a dairy farm on a land contract, owner financing with no money down or percentage of milk check. Would like a turnkey operation. Or would like to rent with option to buy. Phone 717-538-2136 after 4:00 p.m.

WELLSVILLE N.Y. AREA: 152 acres, 4 bedroom remodeled house, 2 story garage, pond, Genesee River frontage, woodland trails. This property offers the very best in privacy and country living. Offered at $65,000 Call McKenna Real Estate, Greenwood, NY. 607-225-4256.

YORK CO.: 160 Acres, mostly planted to apple trees in full production. Various other fruit trees. Well maintained property in 2 separate tracts. Much road frontage with subdivision possibilities. 3-bedroom farmhouse, 2 large barns, 1 equipped w/grading and packing line. 37'x74' cold storage. $300,000 May be purchased in smaller parcels. Call today for more information. 717-225-3643. ANCHOR REALTY, RD 4, Box 4310, Spring Grove, PA 17362.

100 Acre East Donegal farm. 88 Tillable, 10 acres pasture, good limestone soil. 2 Silos, 2 corn cribs, bank barn with over 40 stanchions, tobacco barn, stone farm house and tenant house plus more. Priced at $425,000. Call 717-393-0646, Realtor.

FOR SALE-Historic 248 acre m/l farm, $279,000. Hunters and farmers paradise. Secluded old stone home, some outbuildings, tillabe and wooded acreage. Berks Co. 215-562-2521 or 488-6451.

FOR SALE-2 acre lot at Heritage Point. Club House, swimming pool, tennis, playground, stocked lake, sailing boat harbour. $16,000 717-944-1378.

For Sale: 93.5 Acre dairy farm. Large barn w/new cow stable/loafing shed, 14x50 Lancaster silo, large stone house restored. Farm shop. Jacob B. Mast, Doylesburg, Pa. 17219.

GETTYSBURG 46 acre working farm. Fine old stone, brick home, 4 BR, plus apartment, good barn, sheds, pond. $143,000. Call Weaver, Agent. 717-677-8507. Coldwell Banker Realtors, Gettysburg.

HOMER, NY

157 acres, 95 tillable, good alfalfa farm 56 tie stalls 20x80 Harvestore, 20x35 Harvestore, 16x40 cement silo Historical 12 room farmhouse Price $175,000

191 acres, 130 tillable, adjacent to main farm can be rented, leased with option to buy or purchased for $400 per acre Farm can be bought bare or completely stocked A good young herd of cattle and clean line of farm machinery

Call Donald Yahn
716-494-1647
or
Harris Wilcox Inc.,
Broker
716-494-1880

Season's Greetings

PETER B. CORTELYOU

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

FRANKLIN COUNTY

110 Acre Limestone farm, bank barn, 7 room, 11/2 bath home.
30 Acre Stock farm, 2 homes.

CUMBERLAND COUNTY

151 Acre Limestone Dairy, 41 stanchions, 3 silos, 2 barns, stream, stone home.

KOONS REAL ESTATE, INC.
717-597-8300
Roger Wildeson, 717-263-5702

new pennsylvania realty, inc.

Rt. 1, Box 123, New Ringgold, PA 17960
717-386-5000 215-398-2559

"For unto you is born this day in the city of David, a Saviour, which is Christ the Lord.

And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, 'Glory to God in the highest, and on earth peace, good will toward men.' "

Luke 2:11-14

WANTED-Approx. 100 secluded acres in Bernville area. Please send all particulars to Lancaster Farming, P.O. Box 366, L-42, Lititz, PA 17543.

Wanted: Deer Hunting grounds for 1985 1,000 to 1,400 acres. Call 301-275-2562.

Wanted For Rent: Dairy Farm in Amish area. Lanc. County. Call 717-656-9605

LIQUID MANURE HAULING

York and Surrounding Counties

DALE MILLER & SON, INC.
717-382-4881 or 717-382-4811

Franklin Co.

268 acres modern dairy w/double 6 parlor, 210 free stalls, limestone land.

190 acres, 150 tillable of limestone land, large barn, modernized home.

100 acres open land w/70 acres tillable, near Gettysburg.

20 acres woodland near Hanover, excellent development potential.

Other Farms

Van Cleve Real Estate
Phone: 717-392-3032 anytime

YATES COUNTY, NEW YORK

- Oh there's so much to tell! On a country road, feel the warmth and look of New England, see the bright red barn, breathe the fresh air 3 bdrms, cozy brick fireplace, living room, modern country style kitchen Two car garage and shop Acreage 60 wooded, 60 tillable, 20 high quality grapes. Wouldn't you love to live here?

Call us to see 122A
Century 21
Four Seasons
Penn Yan
315-536-7456.

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

For Sale: 1983 JD model 8300 grain drill; 1981 JD pull type 12' chisel plow; All in good condition. Must sell. Call 717-273-5231 or 717-273-6748.

330 ACRE DAIRY FARM FOR SALE BY OWNER

(Mostly Tillable)

Farm #1 - House, 52 stanchion barn with barn cleaner, other buildings. 20x60 silo with unloader, milk tank, lots of road frontage on Rt. 501 N. of Myerstown, Pa. in Berks Co.

Farm #2 - 2 apartment house, large loafing barn, other buildings, pond.

$800,000
717-792-3216

FARMS, ACREAGE, DAIRIES, hunting land, businesses and more FREE catalog #56 Call or write
American Farm Digest
3546 Watson
St. Louis, MO 63139
(800) 325-9943
(Include phone no. in request.)

FOR SALE BY OWNER

112 acre operating dairy farm in Salem County, NJ. 4 in line parlor, fully equipped, modern milkhouse, fully equipped, 74 cow free stall barn, (2) 60x80 buildings, 3 silos all w/unloaders, beautiful 4 bdr. Victorian home, 20x40 in ground pool. Asking $260,000

609-935-6470
J & K Dairy
Salem, NJ

Holiday Greetings

As the festivities get under way, it is our pleasure to say, "Thanks for the goodwill you have shown us." Merry Christmas.

WIMPLE ASSOCIATES

FOR SALE

16 Acres - Good for produce or tobacco + corn equip. for tobacco beds opt. 50+58 barn with 29+30 heiver barn att. 18+27 milk house + diesel bldg.

Att. 28 cow stalls, 3 box pens for horses. Ideal for dairy, hogs or cattle. 12+55 silo, 24+48 horse and tobacco barn, 1½ story 24+34 shop.

24+40 Blacksmith Shop, 2½ story 14 room house, can live in double party or single party. Property joining can be bought separately or together. 2½ story 10 room house with lawn and garden and 1½ story barn, room for 3 horses and forebay and carriage shed. Never failing well.

Jonas K. Stoltzfus
R1, Box 198
Christiana, PA 17509
At Bartville, Lanc. Co., PA

FOR SALE BY OWNER

Two bedroom brick rancher, storm windows, custom draperies, hardwood floors, fireplace, built-in burners & oven refrigerator, full bath, cement basement, knotty pine partitions with new ceiling washer/dryer hook-up, oil/hot water baseboard heat

717-677-8893
negotiable at $55,000

FOR SALE
75 Acre 65 tillable
1-30'x30' Shed
Leb. Co.
Jonestown
$1600 Acre
717-933-8943

House and barn on 98 acres (82 acres cropland, 15 acres pasture and woods) Excellent for small beef herd or sheep Secluded property reached by private lane Borders Trough Creek Good turkey and deer hunting 15 minutes to Raystown Lake $79,500

House barn and outbuildings on 95 acres 30 acres crop land, 65 acres woodland Adjoins state game land Small brook runs past barn and house Southern Huntingdon Co $65,000

Century 21
Don Rapp, Realtor
814-643-1004

Somerset County, PA For Sale

Dairy farm complex, 2 miles southwest of Somerset 107 cow free stall barn 80x165, heifer barn 30x108, Machine shed 40x60, 1,800 ton maintenance free concrete trench plus brick ranch style home with attached 2 car garage Buildings of new type construction on 46 acres of prime developing land All for $276,000 Also milk store for lease and 400 acres of land for sale or rent Phone 814-445-2227 or 814-445-6841

new pennsylvania realty, inc.

717-386-5000 215-398-2559

Price Reduced...**150 Modern Beef** with 2 Harvestores 25x90 and 20x70, 4 lot belt feeder, slurrystore and much more. Location: Myerstown area. This farm is equipped to go. Call for an appointment.

Dairy farms

We have a few nice dairy farms coming on the market. Call for details.

Call **CARL JOHNSON**
215-367-6160

FARM FOR SALE

SUBURBAN REALTY
FARM DIVISION
(717)867-5221

LEBANON COUNTY PENNSYLVANIA

FOR SALE: Beef Farm, 115 acres presently used as an Angus brood cow calf operation 19th century brown sand stone home, 4 bedrooms 3 fireplaces, and a restored 18th century log cottage Modern 50x100 barn with metal siding and roof 16x60 concrete stave silo with Badger unloader automatic bunk feeder with ceramic tile troughs, 80 acres is cross fenced, 25x100 cattle shelter This is a first class setup Price $245,000 Call Realtor Auctioneer
Nelson Ebersole
717-867-4487
Write or Call For Brochure
SUBURBAN REALTY
FARM DIVISION
30 West Main St
Annville, PA 17003

SOUTH CAROLINA:

* **375 Acre Irrigated Dairy Farm. 280 Tillable acres -- supporting 120 mature cows plus young stock with 15,750 lb. Rolling Herd Average. All cattle, equipment, 6 silos, parlor w/1500 gal. bulk tank, covered feed bunk, calf facilities, 3 nice homes.Prime location, owner financing and more acreage available. Will support many more cows.**
* **120 Acre Dairy -- almost new equipment -- 300 cow capacity.**
* **483 Acre Dairy Farm -- 400 Acres Tillable**
* **291 Acre Dairy Farm -- 200 Acres Tillable - cows, equipment included.**
* **340 Acre Row Crop Farm -- 300 Acres Tillable**
* **300 Acre Showplace -- Super Home -- Horse barns, pasture, row crops, priced right.**

Call Jim Kees or Johnny Bonnette
1-803-534-1552
Century 21, Associated Brokers
P.O. Box 1222, Orangeburg, S.C. 29116

SOME OF THE BEST QUALITY FARMS IN N.Y.S.
"NOT THE CHEAPEST"

Eastern N.Y.: Premium Conn Milk Market 480 total acres 350+ tillable 200 cow free stall farm Double 6 parlor, 2,000 gal tank computer challenge feeders 5 silos 180' auto bunk feeder New Heifer barn Immaculate 9 room home (Must see) Unbelievable long line of newer equipment 140 cows plus 100 head of Y S Everything is perfect 100% condition Asking $795 000

Central N.Y.: 1117 total acres with over 500+ tillable acres of excellent corn and alfalfa soils in large fields Modern barns for 200 cows with automatic manger feeding system New Y S barn with 117 stalls 2 large Harvestors plus 3 concrete silos Many other barns and sheds 5 year old excellent 10 room home Private setting This is a very modern large farm Asking $990,000 350 head of cattle and all equipment available

Southern NY: You could look all over and not beat this one 370 acres 200 tillable, 85 tie stalls with Dbl 5 Boumatic parlor 1500 gal tank 3 concrete silos, 80' covered automatic bunk feeder 60 head Y S barn Excellent 10 room house This is a very clean operation Asking $295,000 C/E available

These farms are all very successful profitable operations that are in excellent condition throughout Seldom do farms of this quality come for sale Free Picture Farm Real Estate Catalog

Country Boy Realty, Inc.
140 East Main Street
Cobleskill, New York 12043
518-234-4371
Phil King **Don Burton**

SALE OF FARM BY UNITED STATES GOVERNMENT. Chester County Farm property consisting of 81 acres more or less, dwelling, barn and apartments Property is located between Atglen and Parkesburg along route 372 immediately in front of A. Duie Pyle trucking Co. on lower valley Rd. BID DEPOSIT: Bid must be accompanied by a check or cash, (sent at bidders risk) payable to the Treasurer of the United States, for at least 5% of the total bid Rates and Terms: Cash or terms of not less than 10% down payment with the remaining balance amortized over a period not to exceed 20 years at 10.75% interest. TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, One North New St. West Chester, Pa. 19380, for an appointment to inspect the property. Sealed bids are invited and will be accepted until 12 PM EDST, Jan. 8, 1985, at the Farmers Home Administration Office at One North New St. West Chester, Pa 19380 and will be opened publicly at 1 P M EDST the same date and place The Government reserves the right to reject any or all bids

FROM ALL OF US AT PAUL M. LONGACRE REAL ESTATE -

MERRY CHRISTMAS and A HAPPY AND PROSPEROUS NEW YEAR

Longacre
FARMS AND HOMESITES

FARM FOR SALE

SUBURBAN REALTY
FARM DIVISION
(717) 867-5221

9 ACRE FARMETTE
Lebanon County, Pennsylvania
Stone and log over frame 1½ story home barn hog pen, chicken house, other out buildings six acres wooded private setting $69,900 Call Realtor Auctioneer
Nelson Ebersole
717-867-4487

47 ACRE LIMESTONE FARM
Lebanon County Pennsylvania
1820 Limestone home 4 fireplaces home needs restoration Call
Lee Reddinger
717-273-9358

FOR SALE BY OWNER 167 ACRE FARM

Greenwich, OH 37 Mennonite families living in area New church & school within 5 miles of farm Two Mennonite families adjacent to farm 167 acres, 122 tillable, nice modern farm home & buildings Would do for hog, dairy or beef Could be divided into 120 acre farm w/85 acres tillable Buy 167 acres for $1,100 per acre or 120 acres w/buildings for $1,300 per acre Owner Financing Available
Contact owner at
216-933-2492
Or Write:
Tom Butts
553 Center Rd.
Avon Lake, OH 44012

PANARAMIC VIEWS - of countryside 115 acres open & wooded. Mobile home, well & septic system Prime hunting area Long road frontage Exc sub division possibilities W-905 $49,500

128 ACRE OPERATING DAIRY FARM. Farmington area 90+ ac tillable, 20 pasture, 10 woods, bal stocked pond and beaver dam Good barn with 38 tie stalls, vac system, barn cleaner Milkhouse with s s 400 gal tank, 12x65 New Moon trailer with 8x42 trailer attached Most furnishings stay Good starter farm Natural gas from well on property $64,900 W 903

71.6 mostly wooded acres 20 acres open and tillable, sr all pond, surveyed, over 2000' of frontage, unbelievable views W 909 $31 950

Century 21®
THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the December 15 and December 29 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705
Don Myers (814) 422 8111
Mel Rockey (814) 466-6688
(Bedford) Richard D Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER
Frederick J Kissinger, Realtor
William H Leonard, Realtor
Ralph F Brower, Realtor
245 S Allen St ,
State College, PA 16801
(814) 234-4000

FIELD RENT BIDS

Sealed bids will be received and will be opened at 2:00 P.M. Wednesday, January 16, 1985 for the rental of good farm land located at the Mount Joy Vocational-Technical School.

Land offered consists of the following:
33 Tillable Acres
10 Acres to be used for pasture only
Bid forms are available from the following:

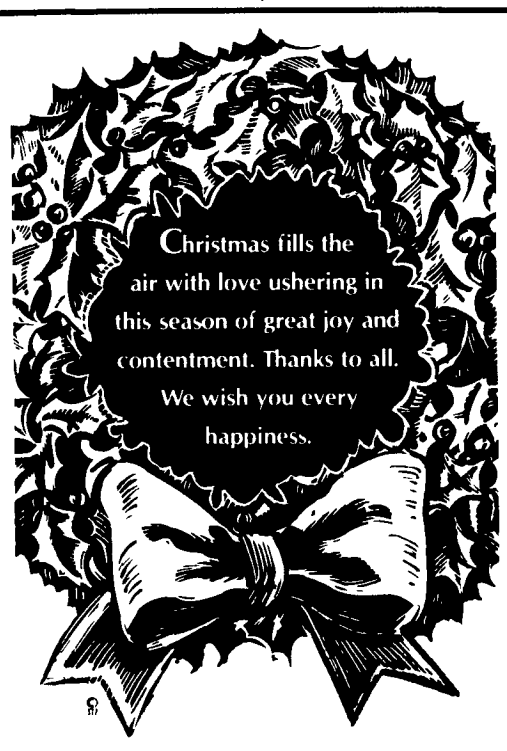
John Riddell, Principal, Mount Joy Vo-Tech School Old Market Street, Mount Joy, Pa. 17552. Telephone 717-653-2061

OR

Thomas G. Bigler, Asst Business Manager, Lancaster Co. Vo-Tech Schools, 1730 Hans Herr Drive, Willow Street, Pa. 17584. Telephone 717-464-2771

The Lancaster County Vocational-Technical School reserves the right to reject any and all bids

Terry Wilhelm
Secretary


Christmas fills the air with love ushering in this season of great joy and contentment. Thanks to all. We wish you every happiness.

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.

PENNA FARMS
CUMBERLAND CO.

186 acre general farm, 150 acres crop land mostly level to rolling productive murrill & duffield soil large bank barn wire cribs, metal grain storage w/fan silo DWELLING is in need of repair Frontage along Yellwo Breeches Creek & ap proximately 8,000 feet along 2 township roads Located SW of Carlisle

165 acre dairy, double 4 Herringbone parlor pipeline milkers Mojonnier tank 99 free stalls (2) 20x60 concrete stave silos w/unloaders pole barns for implements, road frontage Modern 3 bedroom dwelling large family room w/fireplace attached 2 car garage

72 acre general, pole barn 4 bedroom brick dwelling nice road frontage

156 Acres Modern Dairy, new dairy unit with double 6 parlor, 6 milking units, 1500 gal tank, 108 free stalls, lagoon (year storage) 3 silos, 2 floor bank barn with 48 tie stalls, 4 bedroom dwelling, beautiful view of valley 14x70 mobile home on lot with well and septic additional

38 Acre Farmette, 20 crop acres, 36 tie stalls, 40x80 pole shed, 40x72 heifer building w/lagoon, insulated workshop, 4-bedroom, frame dwelling, pond & road frontage

FRANKLIN CO.

100 Acres M/L, 70 crop land 30 wooded with stream No buildings, 3000 ft road frontage $1,600 per acre

Charles Wenger, GRI 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

May God grant that your home be filled with warmth of the season & your heart be filled with joy.

CENTRAL PA FARMS

Limestone & Loan, 50 tie stalls, 800 gal. tank, pipeline, 18x70 silo, 105 till. ac., woodland & pasture. 2 Homes Assumable Mortgagte.

135 ac operating dairy farm, close by land available to rent. Special Owner Financing. Priced to sell. $1,250/acre. Be sure to call for details.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

WISHING A Merry Christmas TO ALL . . .

FROM YOUR FARM AGENTS AT

RICH BRANDT REALTORS
2230 5th St Highway, Reading, PA 19605
(717) 274-3622 — OFFICE — (215) 378-1122

FARMS FOR SALE
NEW YORK STATE'S BEST LAND VALUE
- Steuben County -

380 ACRE DAIRY
Excellent working farm, room for 150 milking, 30 replacements. 300 acres good alfalfa ground, 3 silos, pipeline, bunk feeder, tool sheds, grain bins & 4 bedroom ranch house. Located just 4 miles from milk plant.

223 ACRE DAIRY
50 cow farm, with room to expand - three barns, tool shed, pipeline, very flat stone picked land. $250,000-possible owner terms.

BEEF FARM
208 Acres in the Fingerlakes region, river bottom soil, older dairy barn & loose housing barn plus a 5 bedroom home. Owner will carry 11% mortgage with 25% down.

IDEAL FOR BEEF
98 Acres, fenced grazing areas with year round spring, 50 acres woods & 24x60' pole barn. ONLY $1000 DOWN - OWNER WILL FINANCE FOR LOW INTEREST RATE.

For more information on these, and other farm properties, please call one of our QUALIFIED FARM EXPERTS.

CENTURY 21
THE LANE AGENCY
Rt. 54, Rd 2, Box 181-A, Bath, NY
(607) 776-7682

"SEASONS GREETINGS"

LANCASTER COUNTY - Marticville modern en vironmentally controlled hog facility 2,600 head 110 acres

Columbia veal, hog and beef operation 105 acres

Bainbridge dairy farm, 93 acres

CUMBERLAND COUNTY -
97 acre dairy

80 acre dairy

120 acre produce with 3 ponds

56 acres general

24 acres general

118 acres beef, limestone

120 acres general, limestone

LEBANON COUNTY - 172 acres with 150 tillable very good soil, owner financing

BEDFORD COUNTY - 286 acres of limestone soil, new dairy barn w/130 stalls, double Boumatic parlor, 2 large blue silos

BERKS COUNTY - 233 acres of good farm land, 2 sets of farm buildings, 110 free stalls & bulk tank

Call today on these and many other farms!!!

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
717 776-3967	717-464-2669	717 392 1177

Broker J Irvin Denlinger
717 898 8962

FOR SALE BY OWNER
13,000 Cage Layer Chicken House (300x37') w/ completely re-modeled 4 bedroom 2 story farm house, barn, stream. On 22 acres. Adjoining Mountain. York Co.
717-432-4896

KEY
REAL ESTATE, REALTORS
Hanover
Gettysburg
York and
Westminster

Totally automated cage layer operation with 61,000 capacity on 22 acres in York County Lovely home on premises 52x400 poultry house, all equipment 5 years old 3 Large outbuildings, contract with bonus available Income available to qualified buyer $375,000 L-4637

Veterinarian Practice and equipment available with this 21 acre executive farmette Beautiful 4 bedroom home, stone fireplace open stair, large porch, overlooking Dicks Dam 10 box stalls, training track, 4 fenced paddocks, office, pool L-4613-2 $220,000

717-632-6400
Evening 717-632-3468

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer

ESTATES • APPRAISALS • LIQUIDATIONS

We sincerely wish you and yours a very Merry Christmas and a Happy New Year!

NEW LISTINGS--

23 Acre high production produce farm 6 acres strawberries, 6 000 rasp berries peach, pear & cherry trees 3,000 blueberries and 4,000 asparagus Modern 4 bedroom home, barn & much much more See it now a great income producer along 11 and 15 in Snyder Co Priced right Call Leroy Hibbs at 837 0265

50 Acre dairy with 49 comfort stalls land available for rent, see it today move in in the spring Call Leroy at 837 0265

Northumberland Co 70 acre Amish farm with 12x50 Lancaster Silo excellent barn woodworking shop, implement shed, 2½ story 4 bedroom home Priced at $106 500 for a quick sale Excellent Watsontown soil Close to the White Deer Group Call John Bomberger at 649 5861

BRADFORD COUNTY

110 acre operating dairy with new 40 stall cow barn, 14x50 silo large home being remodeled This farm can be purchased with or without stock Selling due to health Priced right at $155 000 00

192 acre operating dairy w/110 tillable fertile acres 60 cow tie stalls on pipeline tank & barn cleaner, 3 silo's with unloaders and a lovely 3 bedroom house Under $200 000 Call Dave

Real sharp 106 acre dairy with 50 cow barn on pipeline Barn cleaner bulk tank machine shed, 4 silos with unloaders bunk feeder 3 miles from Wyolusing $165,000 with $130 000 FHA assumable 4 bedroom home with oil heat and oil hot water heat 1½ baths

Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls milk house bulk tank silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley 717 744 2587

CENTRE COUNTY

87 acre dairy with new buildings since 1979 There is a 4 bedroom house and it is located in Amish area There is no electric so you can modernize as you wish Priced for a quick sale at $125,000 00 but open to offers

HUNTINGTON COUNTY

130+ acre dairy, excellent farm with private financing Call 717 569 4264

85 ac woodland near Orbisonia Subdivision possible

191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY

Modernized Stone Farm House with Large Bank Barn with Attached Tobacco Shed, Corn Barn on 62 Acres of Excellent Farmland This One Is Ideal For an Executive Horse Farm, Hog Farm or whatever you wish Manheim area

PERRY COUNTY

68 acres in Blain area with house, barn, and cabin ideal for a sub division There are approx 10,000 fir trees planted for your future sale & income, 717 536 3236

SNYDER COUNTY

Drastically reduced 101 acre dairy west of Middleburg, 4 bedroom house with 1½ baths, dairy barn with 29 tie stalls but could expand, 2 silos & out bldgs, now $1,600 per acre SPRING POSSESSION

TIOGA COUNTY

98 acre dairy with 58 tie stalls, 1000 gal bulk tank, pipeline, barn cleaner & unloaders in the silo's and 4 bedroom house Land Lease is available Call Dave & Laura at (717) 744 2587

Dave just got a price reduction on his 345 acre Bradford Co farm so do yourself the honors and call him

UNION COUNTY

Modern free stall dairy operation on 70 acres of prime farm land with 150 rented from a nearby farm that can be purchased Mifflinburg area Call today for all the details It s priced right CALL SANDY LEAMAN 569 4264

For all your REAL ESTATE needs in any COUNTY call us we're the REAL ESTATE professionals

BRADFORD CO AREA MR DAVID A COOLEY, SR AND MRS LAURA M COOLEY (717) 744 2587

PERRY CO NEIL WINGENROTH (717) 536-3236

SNYDER & UNION CO CALL LEROY HIBBS AT 837-0265

NORTHUMBERLAND, LYCOMING, MONTOUR, CALL JOHN BOMBERGER, 649-5861

NORTHUMBERLAND, DAUPHIN & SCHUYLKILL CALL ROBERT SNYDER AT 286-6042

101 White Oak Drive
Lancaster, Pa. 17601

SALE OF FARM BY UNITED STATES GOVERNMENT. Chester County farm property consisting of 61 acres more or less, Dairy barn, house and shed. Property is located off Little Elk Creek Rd. in East Nottingham Township, RD #3 Oxford, Pa. BID DEPOSIT: Bid must be accompanied by a check or cash, (sent at bidders risk) payable to the Treasurer of the United States, for at least 5% of the total bid. Rates and Terms: Cash or terms of not less than 10% down payment with the remaining balance amortized over a period not to exceed 20 years at 10.75% interest. TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, One North New St. West Chester, Pa. 19380 for an appointment to inspect the property Sealed bids are invited and will be accepted until 12 P.M. EDST, Jan 8, 1985, at the Farmers Home Administration Office at One North New St. West Chester, Pa. 19380 and will be opened publicly at 1 P.M. EDST the same date and place. The Government reserves the right to reject any or all bids.

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

165 acre limestone & gravel dairy farm (No Rocks). 20 stanchions, 9 room frame house, small tenant house, stream through farm & ¾ mile frontage on Yellow Breeches Creek (Ideal for irregation. Buildings set back 200 yards off public road). Call Mr. Niesley.

25 acre farmette, modern brick house, bank barn. Call Mr. Niesley.

18 acrs. woodland, $17,500/Mr. Niesley.

JUNIATA COUNTY

186 acre executive's paradise, 10 room ultra-modern house, bank barn, greenhouse, potential for private air strip, 3 ponds, 1 mile creek frontage, secluded. Call Mr. Crawford.

FRANKLIN COUNTY

220 acre limestone beef and fruit. 80 acres marketable timber, beef feeding barn & silo for 100 hd., modern 2 story house with character, tenant house, stream. Call Mr. Niesley.

150 acre dairy, 50 free stalls, milking stable w/DeLaval pipeline (4 units), 20x60 silo, 2 story log and brick 5-bedroom house. Call Mr. Niesley.

MIFFLIN COUNTY

90 acre dairy, 60 freestalls, liquid manure, 2 silos, large implement shed, modern frame house. Call Mr. Crawford.

PERRY COUNTY

3.42 acre building lot w/septic permit $12,500. Call Mr. Bitting.

47 acre farmette w/restored Circa. 1827 stone house, 3 working fireplaces, tennis court, 2 car garage, bank barn, silo & other buildings. Call Mr. Orris.

YORK COUNTY

70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback. Call Mr Niesley.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

FARMS FOR SALE

Lancaster Co.

83 acres. Approx. 65 acres tillable, small orchard, large meadow, adjoining barn, large barn, tobacco shed attached, also large tobacco shed, large implement shed, silo. Ideal farm for tobacco, steers, pigs. Can be converted into dairy operation. Large area in 1st floor.

8 room farm house. Bath, conveniences, house extra nice, 4 car garage. A good producing farm. Amish area. Owner Financing a Possibility. Possession April 1, 1985.

Chester Co.

158 acre dairy farm. SOLD Over 100 acres tillable 12 room house, large dairy barn

Oxford Area.

180 acre dairy farm, Approx. 150 acres tillable, large meadow and large never failing stream, adjoining dairy barn, 600 gal bulk milk tank, 40 stanchions, large dairy barn, extra barn for loafing area or the cows, large silos, box stalls, barn cleaner, corn barn 3 Houses on the farm Each have a two-car garage Will divide the farm. Will sell less acreage April 1, 1985 Possession Some Owner Financing

Union Co.

33 acres along Penn Creek. No buildings, road frontage, stream, meadow, some tillable land, some woods. Priced to Sell. Look for Maurice E. Lehman Signs. Make Offer.

*** We Have More Farms For Sale ***
Maurice E. Lehman, Broker
717-394-2460 Lanc , PA
Daniel E Snader, Agent
717-656-7789 Leola, PA

FARM FOR SALE

OWNER RETIRING!

LOCATION: Penn Twp., Cumberland Co., Pine Rd., Beetum Rd., South Side Rd., North of Rt. 233. Between Carlisle and Shippensburg, PA.

PARCEL #1: Consists of 289 ACRES M/L, two homes, large bank barn, 28x72 implement shed, wire corn crib 50Wx77Lx24H, several springs, etc. Can ideally be divided by the owner(s) into two or more separate farms. Plenty of access, front footage, etc. PRICE $534,900.

PARCEL #2: Consists of 95 ACRES M/L on the north side of Pine Rd. Two sections, one approx. 60 ACRES and one approx. 35 ACRES M/L each with plenty of front footage. (no buildings) Could be sold individually. PRICE $284,900.

PARCEL #3: Consists of 27 ACRES M/L of which approx. 20 are clear and 7 are wooded. This parcel is between Southside Rd. and South Mountain; Beetum Rd. and Rt. 233. PRICE $52,900.

Less than 3 miles South of Interstate 81. TERMS NEGOTIABLE!

FARM FOR SALE

OWNERS LIQUIDATING

LOCATION: 56 ACRES M/L just one-half mile out of Newport, Perry Co., U.S.A. Approx. 28 ACRES are wooded and approx. 28 ACRES are tillable. Small home needs love and attention. Bank barn has stone foundation, stalls, etc. Private road and a beautiful view add up to a nice spot. PRICED AT $79,500.

CALL OR WRITE TO MIKE CVETKO, 324 North 48th Street, Harrisburg, PA 17111. Telephone: 1-717-564-7946.

Agent for

REALTY WORLD - COSMIC REAL ESTATE, INC.

Telephone: 763-9200

YEAR END SPECIALS FROM FARMER BOY AG!

✓ Check These Prices

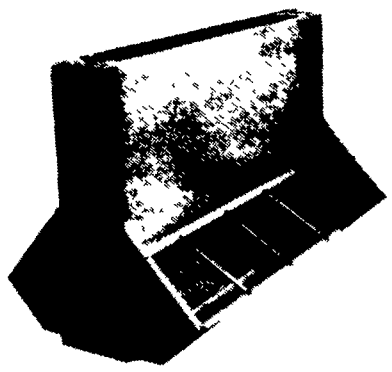
Modern Ag Systems

MODERN AG FEEDERS

All Heavy Stainless Steel Welded Construction
(No Bolts Necessary)
COULD BE THE LAST HOG FEEDER YOU'LL EVER BUY

PROVEN
Dry Feeders

NEW CONCEPT - Deeper Feed Trough With A Feed Saver Lip



Advantages of Modern Ag Systems Stainless Steel Feed Equipment

All Stainless is Grade 304 which means Top Grade

- Stainless steel offers easier cleaning and no rust or corrosion for an extended life span.
- Top adjustable slides allow precise feed flow and very minimal feed loss.
- Wide tops are standard on all wet feeders and also available in dry feeders for maximum feed capacity.
- Floor mounts are standard on all double-sided feeders.
- Wall mounts are standard on all single-sided feeders.
- Fence mounts are available on feeders.
- Modern Ag Systems Feeders consist of precision parts and all-welded construction for maximum strength.

PROVEN
Wet Feeders
No Electricity Required!

10-15% Better Feed Conversion With Liquid Feed!
FASTER GAINS ON LESS FEED

- Rugged 14-gauge type .304 stainless steel throughout entire feeder makes the Modern Ag Feeder as tough as they come.
- Hogs lick the platter clean when water and feed are combined in trough. This contributes to a 10% to 15% improvement in feed efficiency. Hogs go to market 10 days to two weeks faster on wet feed compared to dry feed.
- You get reduced feed wastage. Hogs get their water and feed at the same place. No need to carry feed on snout or mouth to waterer, where it is sloughed off into holding pit. Hogs feed faster, too, making it possible to supply more pigs with fewer feed holes. Pen square footage per pig can also be reduced.
- Get little pigs off to fast start. Young pigs will drink before they eat. When you combine feed and water at the same source you give those little pigs fast, healthy starts.

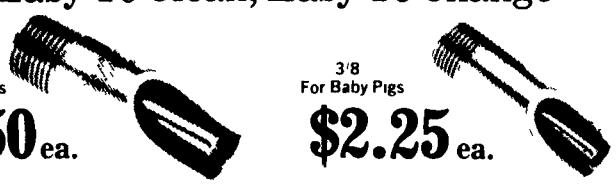
Producers have claimed....

- pigs are more content
- less water wastage, therefore less manure storage required
- feed is easier to digest
- less feed wastage
- days to market reduced by 6 to 8 days
- Sows are better milkers, therefore bigger, more even litters

Also Available:
- **Farrowing Crate Feeders**
- **Pre-Nursery & Nursery Feeders**

LOW COST, TROUBLE-FREE NIPPLE DRINKERS!

Easy To Clean, Easy To Change

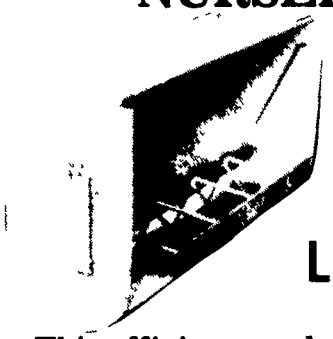


For Pigs & Sows **$2.50 ea.**

3/8 For Baby Pigs **$2.25 ea.**

ONE-PIECE BODY
Solid Stainless Steel construction, no tubes, sleeves or inserts. Smooth Finish.
- Easily Removable Screen Holder
- Brass Orifice
- Heavier Springs - No More Breaking of Springs

FARMER BOY PROVEN NURSERY FEEDER

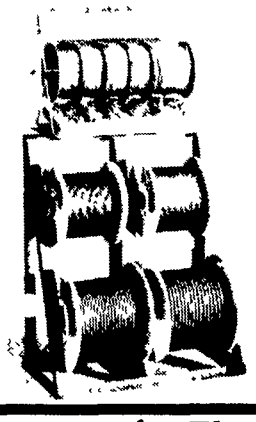


A Heavy-Duty Feeder At A Lightweight Cost

This efficiency galvanized round bottom feeder comes with easy top adjust, which reduces feed waste to almost none.

NOW AVAILABLE:
DOUBLE-SIDED FEEDER
6 Holes On Each Side

SPECIAL: #3 Automatic SBM Pig Brooders
35% OFF REGULAR PRICE
While Supply Lasts

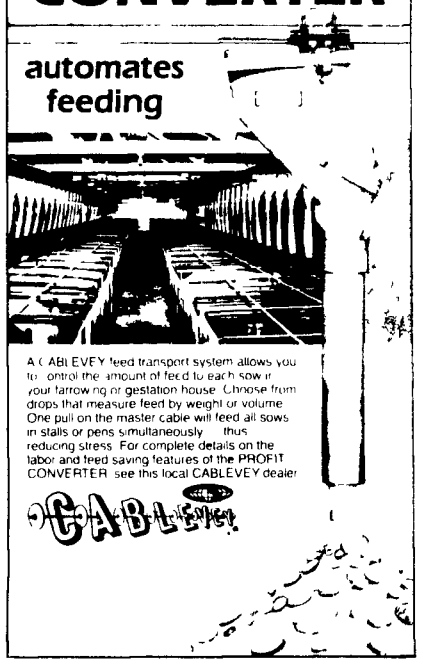


GALVANIZED AND STAINLESS STEEL CABLE

Top Quality, All 7x19 Cable

SIZE	GALVANIZED	STAINLESS STEEL
1/8"	.08¢	.21¢
3/16"	.10¢	.32¢
1/4"	.13¢	.48¢
5/16"	.18¢	.71¢

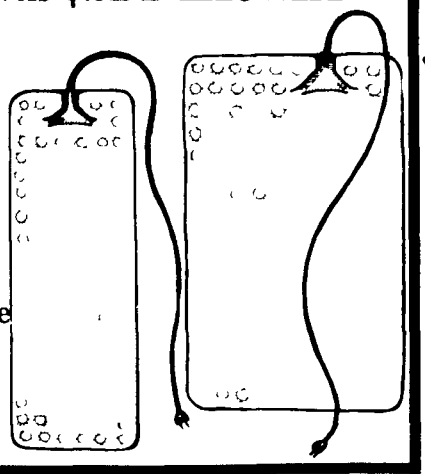
Cablevey - the PROFIT CONVERTER


automates feeding
A CABLEVEY feed transport system allows you to control the amount of feed to each sow in your farrowing or gestation house. Choose from drops that measure feed by weight or volume. One pull on the master cable will feed all sows in stalls or pens simultaneously ... thus reducing stress. For complete details on the labor and feed saving features of the PROFIT CONVERTER see this local CABLEVEY dealer
CABLEVEY

FIBERGLASS HEAT MATS

As Low As $21 PER MAT

All Size Mats Available

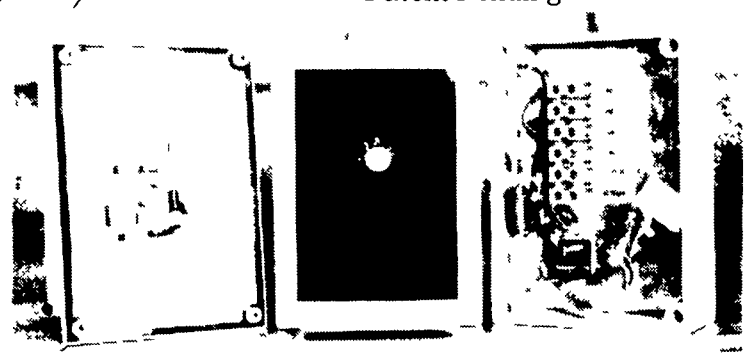


Introductory Offer

Electronic Solutions For Today's Farm

AUTOMATIC SOLID STATE CREEP TEMPERATURE CONTROL CTC 20

Patent Pending



- Saves $ In Energy Costs
- Uses Electricity Only When Required
- Equipped With Solid State Fuses
- Remote-Controlled Probe Sensor
- Heat Lamps Will Not Get Too Warm, Which Causes Pigs To Lie Under Sow
- Save Pigs
- Fully Adjustable Temperature Selection
- Pays For Itself In 3 Months
- Full One Year Warranty
- Has Minimum Setting To Keep From Shutting Completely Off

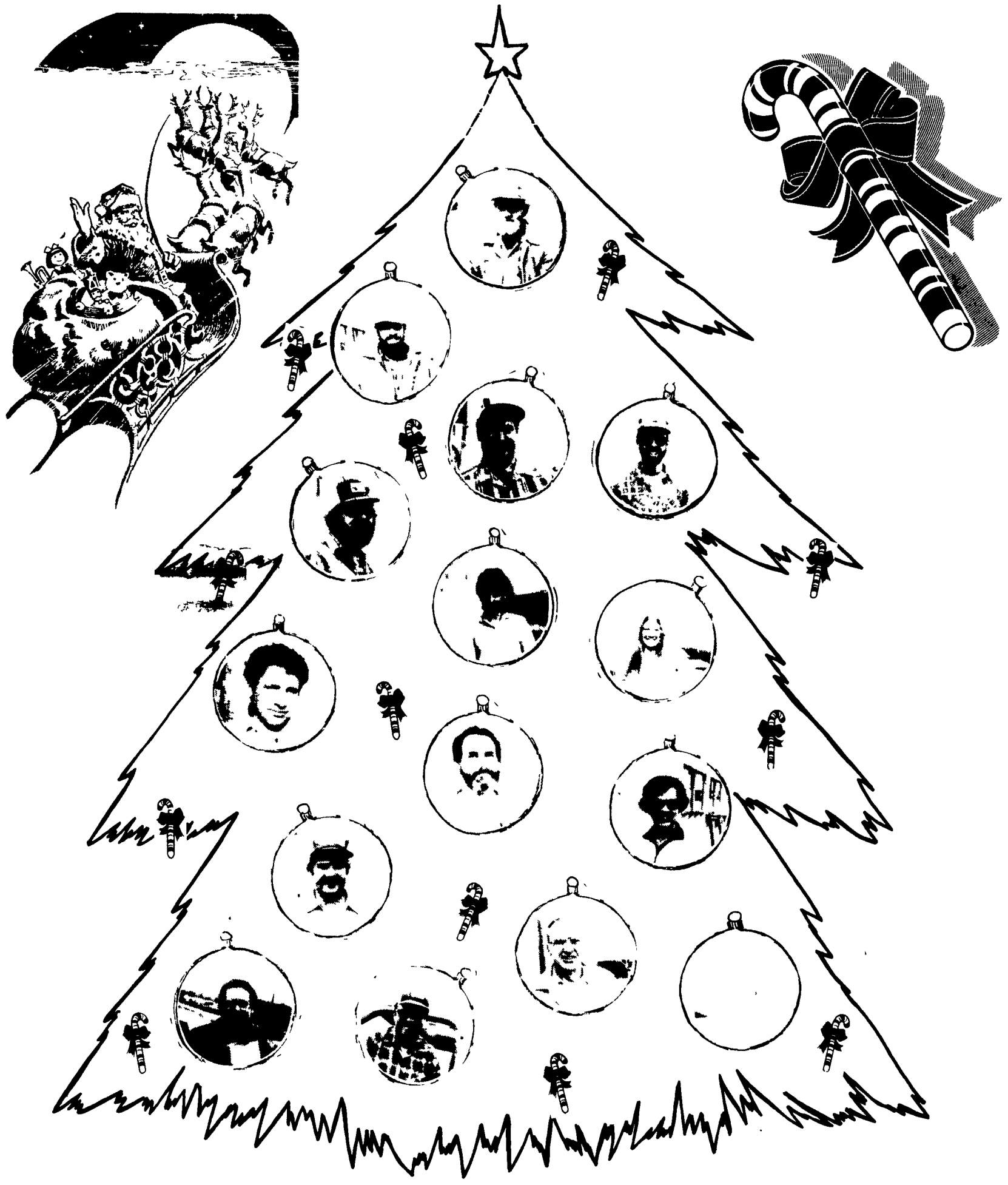
Swine Systems Specialists

FARMER BOY AG. INC.

410 EAST LINCOLN AVE. MYERSTOWN, PA 17067 PH: 717-866-7565

BEST IN DESIGN, PRICE AND EXPERIENCE

TO ALL OF YOU - FROM ALL OF US A BLESSED CHRISTMAS AND A WONDERFUL NEW YEAR



Products and answers that work.
WAYNE

WE WON'T ASK FOR YOUR BUSINESS UNLESS WE CAN HELP IMPROVE IT

POWL'S FEED SERVICE, INC.

Peach Bottom, PA

Phone 717-548-2376

Oklahoma free of bovine TB

WASHINGTON, D.C. – The U.S. Department of Agriculture has recognized Oklahoma as the 26th state to eradicate bovine tuberculosis.

Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service, is recognizing the achievement today by presenting a special certificate at the 32nd annual cattlemen's convention and trade show in Oklahoma City. The certificate was presented jointly to Oklahoma Commissioner of Agriculture Jack Craig and Dave Miller, president of the Oklahoma Cattlemen's Association.

"We've now eradicated this disease in more than half the states," Hawkins noted.

"It's been a major undertaking to tackle an insidious disease like bovine TB in a state with 66,000 herds," Hawkins said. "It's not easy to test range herds that may be assembled only twice a year–or to quarantine them when infection is found."

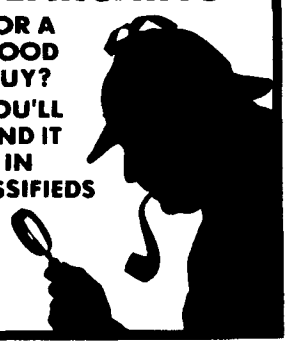
Hawkins praised the "careful direction from the top, the alertness of slaughter plant inspectors, the keen effort by laboratory workers, and the good solid field work in tracing the disease."

He noted that Oklahoma's last infected herd was eliminated in March 1979. To qualify as "TB free," a state must remain free of infection for at least five years. In addition, it must conduct a strong surveillance program and enforce a livestock dealer law that enables animal health officials to trace infection to source herds.

In addition to Oklahoma, bovine TB has also been eradicated in Arizona, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Rhode Island, South Carolina, South Dakota, Utah, Vermont, Virginia, Wyoming and the U.S. Virgin Islands.

SEARCHING

FOR A GOOD BUY? YOU'LL FIND IT IN CLASSIFIEDS



BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047
Mon., Tues., Wed. 8 AM to 5 PM -
Thurs & Fri. 7 AM to 5 PM

1 FARM EQUIPMENT

JOHN DEERE

USED EQUIPMENT
JD 5020 tractor
MOTT MOWER - 48 In.
JD 4400 Combine
JD 105 Combine
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
4440 Tractor w/cab & air
JD 2240 w/145 Loader
18.4x34 M&W Hub Dual
20.8x34 JD Hub Dual
18.4x34 Snap On
24.5x32 Snap On
F145-5 Bottom Plow
JD 820 Diesel Tractor w/Loader
JD 716A 2-Beater Forage Wagon w/1075 Chassis
JD 716 3-Beater w/Roof and 1275 Chassis
JD 7000 4 Row Planter

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
2950 Tractor
4250 Tractor
JD 2350 Tractor

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

The following categories are available for your classified advertising in Section C. Deadline- Thursday morning at 9 of each week's publication
1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline- Wednesday afternoon at 5 of each week's publication.
7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

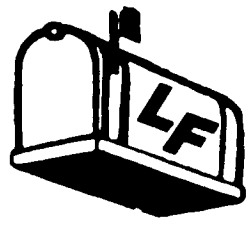
TRACTORS
Satoh Buck 4 WD
Satoh Elk
Ford 3400 w/loader
Ford CL 40 Skid Loader
Ford 7000 w/monitor
Ford 6700 w/canopy
Ford 5000 dual power
Ford 4000 w/loader
Ford 3500 Loader & Hoe
Ford 3600 D, 8 speed
Ford 3000 D, 8 speed
Ford 2000 G 8 speed
Ford 901 10 speed
Ford 800 w/loader
Ford 1700 150 hrs.
AC D15 3 pt.
IH 666 D., WFE
IH 454 D., PS
IH Cub w/equip.
David Brown 1200
David Brown 990 w/loader
Case VAC 3 pt.
Case 930 CK Tractor
JD 2640 w/canopy
JD 4230, 4 WD, Cab
JD 850 D., 300 hrs.
JD 520 3 pt., PS
JD 60 PS, LPTO
MF 175 D 8 speed
MF 135 G, PS
Oliver S 55 3 pt.
Howard Rotovator
Oliver 880
NI 216 Spreader
NI 206 Spreader

Let the spirit of brotherly love embrace you & yours

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

HANDY CLASSIFIED AD ORDER BLANK



Name
Address
City State
Zip Phone ( )

Please publish my _____ word ad _____ times
(Number of Words) (Number of Times)

starting with the _____ issue Classify under _____

I enclose _____

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P O Box 366, Lititz, PA 17543

NOTE Please do not use this form for Mail Box Market Ads see instructions in Section B with Mailbox Markets

DEADLINE: SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 AM OF EACH WEEK'S PUBLICATION
RATES: 23¢ Per Word
$3.00 Minimum Charge

For ads running 3 or more consecutive times with no charge deduct 20 percent discount (See rate chart at beginning of classified section for an example of discount)

1	2	3	4
5	6	7	8
9	10	11	12
13-$3 00	14-$3 22	15-$3 45	16-$1 68
17-$3 91	18-$4 14	19 $4 37	20-$4 60
21-$4 83	22-$5 06	23-$5 29	24-$5 52
25-$5 75	26-$5 98	27-$6 21	28 $6 44
29-$6 67	30-$6 90	31 $7 13	32 $7 36
33-$7 59	34-$7 82	35-$8 05	36-$8 28
37-$8 51	38-$8 74	39-$8 97	40-$9 20

L-H SALES CO.
LARRY S. HIESTAND
627 S. 14th AVE.
LEBANON, PA 17042
"30 YEARS" Serving People Who Prefer To Purchase Products For Progress –
AG PRODUCTS – FEEDING SYSTEMS
SILO S CONCRETE STAVE FARM SILO S
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CATTLE FEEDERS BELT FEEDERS & TAPER BOARD FEEDERS
CONVEYORS WOOD DOUBLE CHAIN SINGLE CHAIN – WOOD OR GALVANIZED
RITCHIE CATTLE & HOG WATERERS
AUTOMATIC ROLLER MILLS
WEAVERLINE POWER FEED CART
SHOW EASE COW STALLS – WATER BOWLS COW MATS – TILE – GALV WINDOWS
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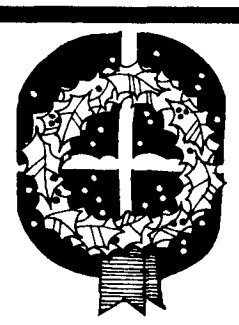
ZIMMERMAN FANS & VENTILATION HEAVY DUTY WAGON RUNNING GEARS
PARTS AVAILABLE FOR ALL EQUIP
USED EQUIP
1 – 20x80 LANCASTER SILO
* *
NEW PRODUCTS BUY DIRECT SAVE
DISTRIBUTED IN LANC LEB -BERKS CO
'TRUCK CAPS" – NEW FIBERGLAS AND CUSTOM BUILT ALUMINUM TO FIT ALL SIZE PICKUPS WHOLESALE & RETAIL (Installation While You Wait)
G E HOME APPLIANCES STOVES MICROWAVE OVENS WASHERS & DRYERS FREEZERS REFRIGERATORS (Installation And Service Available)
"INDEPENDENT TELEPHONE SERVICE
FOR BUSINESS PEOPLE WHO WANT TO OWN THEIR OWN PHONES AND SAVE ALL THE MONTHLY SERVICE CHARGES
(Free Estimates – Installation Included)
THANK YOU FOR CALLING – 717-273-7394
7 AM - 9 AM/ 4 PM- 9 PM



CHRISTMAS GREETINGS

We At Stouffer Bros. Wish You A Safe And Merry Christmas

HOLIDAY SPECIALS...

CASE 2094 TRACTOR No Cab, 110 HP, 20.8x38 Rear Tires	Holiday Special	**$25,200**
CASE 2294 TRACTOR Cab, Air, 130 HP, 20.8x38 Rear Tires	Holiday Special	**$33,900**
CASE 1394 TRACTOR Power Shift, 65 HP	Holiday Special	**$13,750**
CASE 1394 TRACTOR Cab & Air	Holiday Special	**$17,700**

All New Case Tractors Have 8.8% Financing, Or Waiver Til 6/1/85 Or Discounts For Cash!

CASE 1845B UNI LOADER 73" Bucket	Holiday Special	**$17,500**
CASE 1835B UNI LOADER 60" Bucket, Rental Unit, 120 Hrs.	Holiday Special	**$12,980**
CASE 1816C UNI LOADER 44" Bucket	Holiday Special	**$6,825**
CASE 580C BACKHOE w/CAB Back Weight, Log Forks & Bucket	Holiday Special	**$14,000**
CASE 580 BACKHOE Diesel	Holiday Special	**$4,995**
CASE 580 w/LOG FORKS New Overhaul, Diesel	Holiday Special	**$7,500**
CASE 1830 UNI LOADER		**$6,500**
GEHL 4500 SKID STEER 1982 Model	Holiday Special	**$9,750**
GEHL 2600 SKID STEER		**$5,500**
CASE 1845 UNI LOADER New Overhaul, Gas	Holiday Special	**$11,500**
CASE 1070 w/TURBO Cab, Air, 2200 Hours	Holiday Special	**$15,500**
IH 656 w/LOADER		**$6,500**

case GEHL KEMSTON SAME

STOUFFER BROS. INC.
1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

LOCAL CLASSIFIED ADVERTISING RATES

23c per word
3 00 minimum charge
Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
13 or Less	3.00	7.20
14	3 22	7 73
15	3.45	8.28
16	3.68	8.83
17	3.91	9.38
18	4.14	9 94
19	4.37	10.49
20	4.60	11 04

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming): 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 percent discount.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164
Mon , Tues., Wed.,
8 a.m. to 5 p.m.
Thurs. & Fri.
7 a.m. to 5 p.m.

1 FARM EQUIPMENT

2 John Deere 730's. One with wide front and 3 pt. One with New Idea mounted picker with 12 roll husking bed Phone 717-323-5542.

NEW FORD TRACTORS & EQUIPMENT

TW5 105 PT HP
6610 72 PTO HP
1910 28.5 PTO HP
1710 23.5 PTO HP
1310 16.5 PTO HP
1210 16 gross HP
CL45 Compact Loader 40 HP

SPECIAL
Myers Self-Unloading Forage Boxes

Ford 240 Transport Disk 10'3" Cut
Ford 9 Ft. Chisel Plow,3 Pt. Hitch
Specials on Ford 930 Rear Mount Mowers And AMCO 17 Series Disks
Call For Prices

Demo
Glencoe Soil Saver
$4,660

USED EQUIPMENT

Ford 8N
Ford 6700 Tractor Ex. Cond. Low Hours
Ford 7000 w/cab. Excellent Condition
Case 630 Gas Tractor

TYE 80"
No Till Drill
Rental Available

CUMBERLAND VALLEY CO-OP
7 W Orange St.
Shippensburg, Pa
717/532-7811

Happy Christmas

Here s wishing you and yours a season abundant in peace, love and joy

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

Ford 9 N w/highway mower
Ford 8N
Ford 671 SOS PS
(3) Ford 2000
New Ford 2910
Ford 3000
Ford 3000 PS
New Ford 3910
(2) Ford 4000 1972
Ford 4000 1975
(2) Ford 5000
(2) Ford 6600 dual power w/cab
Ford 7000
Ford 7600 w/cab DP
Ford 8600 1972 w/dual power
Ford 9600 DP
Ford 9700 cab, DP
Ford TW10 w/cab & air DP
Ford TW10 4WD w/cab & air DP
Ford TW20 cab & air
JD 1030 hi lo, w/cab
JD 1120 1969 hi lo
New JD 1640, 55 h p (same as 2350)
JD 2120
JD 2130 1975, w/cab
JD 2130, 4 WD
(2) JD 3120 1969
IH 784 w/cab & heat
IH 784, 4WD
IH 966 1974 w/cab
Satoh w/blade & cultivator
MF 65 diesel

Large Inventory of Tractors To Sell To Wholesalers As Is

New Replacement Seats for 9N to 5000 Tractors Adjusts to Operators Weight $120.00 Each

Full Line of Tisco and Vapormatic Parts

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

RINGTOWN FARM EQUIPMENT

Peace in your heart & home... This greatest gift of all we wish for you. Merry Christmas!

NEW EQUIPMENT

274 w/cultivators
475 disk, 17'5"
18x7 comb. drill
16x7 comb drill
370 disc, 11'6"
720 auto reset 5 btm
2250 loader
#50 Shredder
800 Cyclo planter, 4 row
IH 5500 trailing chisel plow 10'
IH 5500 mtd chisel plow, 9'
IH 5500 mtd chisel plow, 7'

USED EQUIPMENT

(2) IH 234 Corn Pickers

784 Row Crop Tractor, 700 Hours, Like New, 1 Yr Warranty

IH 1256 tractor
500 crawler
666 Farmall G
Farmall C
Cub w/all equip.
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
IH 56 2 row trail corn-planter, very nice shape
Potato planters
JD 2 row potato diggers
Gehl CB 400 Forage Harvester 1 Row Corn Head, Hay Pickup
Iron Age potato planter, 2 row
IH forage blower
Holland transplanter
Case 230 baler
IH 46 baler
John Beàn boom sprayer
Iron Age boom sprayer
400 Cyclo planter 4 row
IH 310 Plow, fast hitch 3 btm
Haines Stone Pickers
McConnell 16' Cart Harrow
JD Stalk shredder 14'

HARD WORKING VALUES
Waiver of Finance - Low Rate Financing
Low Cash Deals

RD 1, Ringtown, PA
717-889-3184
Since 1949

1979 INT. S1800 404 Gas, PS, PB, 5 & 2 SP trans., new 1000x20 tires, excellent condition. $5,800. 717-532-8363

1981 IH 3588, 279 hrs., radial tires, Western Cab, 3 hydraulic outlets, Diff-lock, AM/FM, digital cassette, bought new, never set outside. Delivery Available. $32,500. Allan Hart, RD 2, Cochranton, PA 16314. 814-425-8315 or 425-7094 Evenings. Crawford Co.

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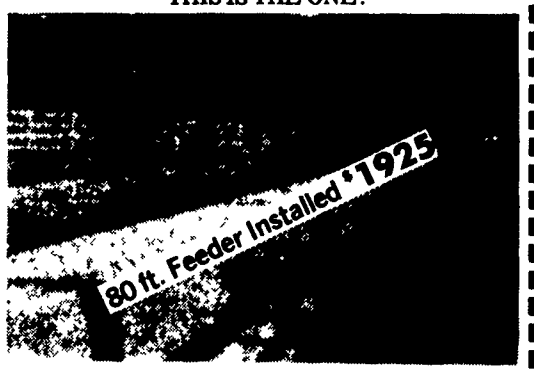
"LANCASTER" CONCRETE STAVE FARM SILOS

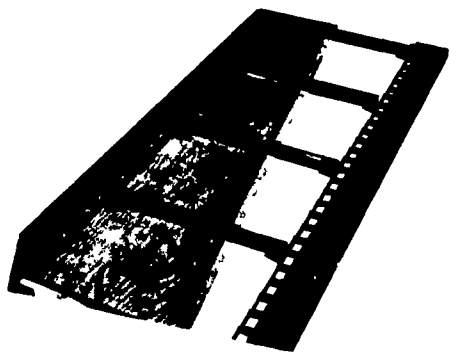
FEEDING SYSTEMS — BARN EQUIP. - SILO UNLOADERS

"LANCASTER" CONVEYORS
"LANCASTER" BELT FEEDERS
"LANCASTER" TAPER BOARD FEEDERS
"LANCASTER" HAY FEEDERS
"LANCASTER" WATERERS
"LANCASTER" STEEL GATES
"LANCASTER" FIBERGLAS FEED AND SILAGE CARTS
"LANCASTER" 36" FANS
"SUPREME" RING DRIVE AND "VAN DALE" MAGNUM SILO UNLOADERS & ACCESSORIES
"AUTOMATIC" ROLLER MILLS
"RITCHIE" CATTLE WATERERS
"STEINER" ROLL MIXERS
"SHOW-EASE" COW STALLS
"ZIMMERMAN" AND "LEISS" FANS
"WEAVERLINE" FEED CARTS
"STARLINE" PARTS

"LANCASTER" BELT BUNK FEEDER
IF YOU WANT A CATTLE FEEDER THAT IS: DEPENDABLE - QUIET - SIMPLE - LOW COST NO FEED SEPARATION & WILL NOT RUST - THIS IS THE ONE!



TAPER BOARD FEEDER - WOOD CONSTRUCTION - #55 or #62 CHAIN - LOW HORSE POWER - EASY INSTALLATION



WOOD CONVEYOR UNITS - BUILT SAME AS TAPER BOARD FEEDERS — LOW COST LOW MAINTENANCE WAY TO MOVE SILAGE.

EAR CORN MILL SPECIAL
RENTAL UNIT#1200 -
VERY GOOD -$7600
PRICE GOOD TILL JAN. 1, 85

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Dec.

Poly Plastic Wheelbarrow - Complete	$115.00
Steel Wheelbarrow M11 Complete	$81.45
27" Barn Scoop Shovels	$24.10
36" Barn Scoop Shovels	$25.20
Ensilage Forks	$41.00
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Dirt Shovel (Razor Back)	$14.60
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10" Hustler Boots (all sizes)	$9.60
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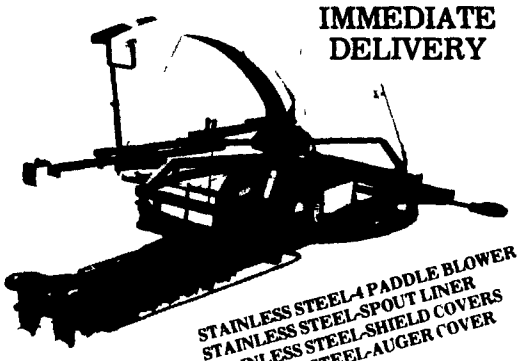
24" Barn Scraper	$15.45
18" Barn Scraper	$14.15

Fence Chargers and Fencing Supplies
Check with us for all Your Barn Needs
10% Cash Disc. on all Barn Equipment

"NEW" SUPREME #428 TURBO RING-DRIVE SS
IN STOCK - IMMEDIATE DELIVERY



STAINLESS STEEL-4 PADDLE BLOWER
STAINLESS STEEL-SPOUT LINER
STAINLESS STEEL-SHIELD COVERS
STAINLESS STEEL-AUGER COVER

"Winter" Silo Unloader (Special)
ALL PRICES F.O.B. LANCASTER (Net)

VAN DALE Unloaders (Basic Unit)

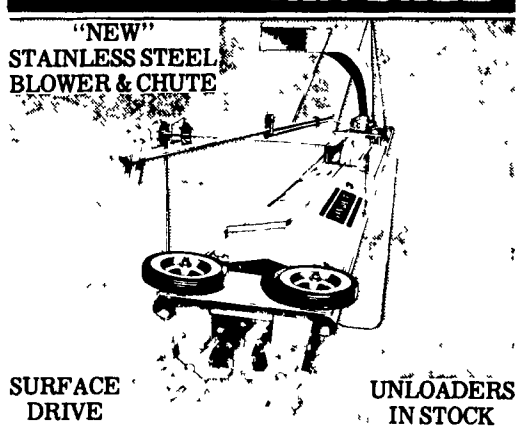
12' DA 1230	$3322.00
14' DA 1230	$3380.00
16' Magnum	$3620.00
18' Magnum	3740.00
20' Magnum	$3860.00

SUPREME RING-DRIVE UNLOADERS
(Basic Unit) F.O.B.

14' Supreme	$3850.00
14' Supreme	3990.00
18' Supreme	$4100.00
20' Supreme	$4295.00

VAN DALE

"NEW" STAINLESS STEEL BLOWER & CHUTE

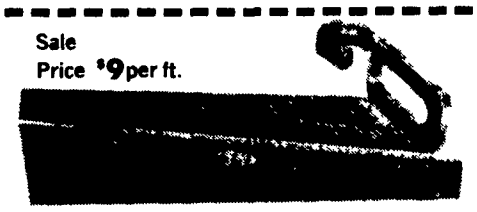


SURFACE DRIVE UNLOADERS IN STOCK

10% CASH DISC. ON ALL VANDALE AND SUPREME UNLOADERS TILL JAN. 15, 1985

BERG Hook Links were specially engineered for cleaning barns Each measures 7½" long weighs over 2 pounds, is forged in one single piece from a special alloy nickel chrome content steel Corrosion is not a problem even after long use and exposure to barn acids Its extra-rugged design provides up to 1½ tons more pull strength Links flex four ways

Sale Price $9 per ft.



OPTIONAL TAPERED FLITE -
is specially designed to move liquids Up to 4" height on outside prevents spill over, assures cleaner operation Lower height on inside minimizes weight for easier operation Ideal replacement chain

Dec. Special: Model 224 Weaverline Cart w/Charger $2500.00
Merry Christmas & Happy New Year
We Will Be Closed December 25th & 26th. Also January 1st.

PHONE 717-299-3721 7 AM - 4 PM

1 FARM EQUIPMENT

165 MF diesel with heavy duty loader, real clean, $5,900. 609-455-3462/769-4025

1925 McCormick Deering Tractor, running condition. 717-749-5382 or write: G.M. Ridenour, 11417 Loop Rd., Fayetteville, Pa. 17222.

1928 McCormick Deering Tractor (15-30 HP) $1,500. 717-428-2936.

1971 Ford Louieville w/24' Groves body $15,500.; 1976 Chevy C60 w/rollback body $8,800. 607-642-8688

1978 Case 1370 w/4 post cab, 1700 hrs., 20.8x38 tires. $12,500. 607-642-8688.

Settling Estate: 1980 JD 2040 diesel tractor, 460 hrs. with heat housing and two bottom 420 IHC plow. 717-284-4043.

Super convertible electric start Graveley, mower, cultivator, sulky. Berks Co., $750. 215-683-7230.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

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1466 Int. red cab with 38" rubber, nice tractor, $8,100. 609-455-3462/769-4025

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Used school bus, 1964 GMC, runs excellent. Would make good farm vehicle, $150 717-872-7599 or 872-4028.

Used 9½' Hostetler Cattle Truck Body $1,200.; Used Miller 10' Disc. $4,500. Call between 8-4 at 301-663-4678.

WANTED-Good hydraulic loader suitable for 50 HP tractor. Also, good rear tires for AC 45. And pair 750-24 tires. Lancaster Farming, P O Box 366, R-28, Lititz, PA 17543.

White 2-105 fender tractor, dual hydraulics, 814-793-4293.

RECONDITIONED TRACTORS
Farmall Cub, w/Loader.
Kubota L210 Diesel, Woods Mower and 3 PTH.
Farmall Super C w/Fast Hitch and 6' Woods Belly Mower and/or Cultivators.
IHC 240 row crop w/fast hitch and remote hydraulics and cultivators
Farmall 100 with or without Side Sickle mower
Farmall Cub w/cultivators and/or snowblade
IHC cub LoBoy w/fast hitch, 4' Mott Mower, disc and snowblade
3 PTH 2R Pittsburgh Cultivator—Like New
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Rebuilt horse and tractor drawn spreaders for sale. (New Idea) also New and Used parts Used parts at half price. Will mail if desired. Enoch Brubaker, R.D.1, Liverpool, Pa. 17045.

Rhino model 200 double offset disc, 10' cut, 26" blades, heavy duty McCurdy rolling harrow, 13'. Valk 8' V type snow plow. Frink 8' power reverse snow plow, cab controls. Priced to sell. Call Sheaffer evenings, 301-778-0185

New - Sleeve, piston and ring sets for Farmall super H tractor, $239.00. Rice Equipment, Box 687, Clarion, Pa. 16214. 814-226-9200

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts Also, available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn 37699, 615-753-5738 day or night.

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293

Oliver 1755 diesel, 3 speed over and under, dual hydraulics 814-793-4293.

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

Oliver 1955 cab and air 814-793-4293.

Oliver 471 PTO manure spreader, good condition $385.; NI Lime spreader $175. 717-534-1253.

Oliver 77 diesel for parts, motor OK, on steel no sale. Chris B. Stoltzfus, Box 330, Chrisitana, PA 17509.

21' Ford Chisel plow, wingfold, like new. 717-437-2969.

2640 JD Utility Tractor, 18.4x30 tires. $8,300. 609-455-3462/769-4025

3020 JD with roll guard, dual hydraulics, WF, $5,800. 609-455-3462/769-4025

Massey Ferguson 175 diesel, late model, good condition. 814-793-4293.

Meat grinders, band saws, slicers and tenderizers. Also new splitting saws for only $249. Gerry Grundy, Doylesburg, PA, on Rt. 75, 200 yards North of Rt 274. Open Saturday and Sunday 10-4. Call 717-349-7654 or evenings 215-549-7584

MF 1100 factory cab, original paint, Firestone tires dual hydraulics, excellent. 814-793-4293

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JD 70 gas, N.F., #5 mower, V snow plow. Chester County. 215-932-2316

JD 730 diesel, electric start, wide front, 3 pt 814-793-4293.

JD 8630 4 WD, 290 h.p., duals, 20.8x38 front & rear, cab, air, stereo, extra clean tractor; Brillion 15' chisel plow; 201-741-8109.

case

TRACTORS
- Case 430
- Oliver 500
- JD 2630
- White 2-105 Tractor
- Ford Jubilee

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 1830 Skid Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- JD 3 Bot 3-16 Plow
- 318 Spring Reset Plow
- Int 700 5-Bot, 16" Plow
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Mohawk 7 Tooth Chisel Plows
- Case 18' Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 324 12 Roll Husking Bed
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead
- Oliver 73H 2-Row Cornpicker
- Int 234 Mounted Picker

HAY EQUIPMENT
- NC 7 Ft Mower
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- Zimmerman 40 Ft Elevator
- IH 400 Corn Planter, 8 Row
- 4 Row Cole Corn Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart 24 Bushel

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

USED COMBINES

Waiver of Interest till September 1, 1985
- '79 Int. 1460, Low Hrs. w/820 Cutter Bar & 863 Corn Head
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '80 Int. 1480, 1356 Hrs., w/820 Cutter Bar & 883 Corn Head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '72 JD 6600 Diesel w/13' Cutter Bar w/Hart Cart Flex Attachment

CORN HEADS
Good Selection of John Deere
443-444-643-644-843-1243
Cornheads

USED TRACTORS

Waiver of interest till March 1, 1985
- '69 Oliver 1850
- Allis Chalmers 180 diesel
- '80 Int. 1086, Cab, 1483 Hrs., Dual 18.4x38 Tires
- '64 JD 3020 Diesel

Waiver of interest till June 1, 1985
- '77 JD 8430 w/Dual 20.8x34 Tires, 3 pt. hitch, PTO, 3 Outlets
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500

CORN PLANTERS
- Int. 8 Row 30, 3 pt. Cyclone Planter
- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS
- JD F145-5-16 Semi plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

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Reduced to $12,500

MISCELLANEOUS EQUIP.
- Degelman 10' Front Dozer Blade, Fits JD 4430
- JD 210 14' disc harrow
- 1 Brillion 21' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump
- (1) Int. 21x7 Grain Drill
- (1) JD 709 3 pt. rotary mower
- Rhino 8' Rear Blade

W.N. COOPER & SON, INC.
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Chestertown, MD
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STARLINE

Star-trac™ silo unloaders
Barn equipment
Roller mills
Conveyors and feeders

Rugged dependability at a decent price

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Badger · GMC · AVCO NEW IDEA

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IH 454 w/1100 Hrs
IH 826 Hydro
IH F 706 G (Overhauled)
IH 674 Dsl
IH F 656 G w/Cab (Overhauled)
IH F 340
IH 154 w/Mower
IH 1 504 w/NI Loader
IH Super C
IH Super A
IH H
IH F 450
IH Cub
JD 620
JD 2010 Tractor w/NI 504 Loader
JD 2010 G
Hydro 84

BALERS
IH 47 w/Thrower
Hesston 10 Stacker

BLOWERS
JD 66
Badger TA 54
IH 56
NH 27
Fox 660
Hussler 56
Gehl 99
Dion 56

COMBINES
MF 50 Pull
IH 810 13' Platform
IH 303 w/Cab
IH 715 w/Cab
IH 205

PLANTERS
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row w/No-Til

CULTIVATORS
IH 4 R Mtd - 560
Case 2 R Mtd - SC
Oliver Rotary Hoe 3 pt
MF 14' 3 pt Rotary Hoe

GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

PLOWS
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16
Brady 9' Chisel Plow
Brillion 3 pt 7' Chisel
IH 450 4x16
2 Bottom Trail Plow 12'

WINDROWERS
NI 270 Cut/ditioner
IH 1190 Windrower
IH 8 Flail Chopper
JD 16A Flail Chopper, Nice
NH 33 Flail Chopper
Bearcat Flail Chopper
JD Hay Tedder
AC 904 9'
Gehl 108 9'
IH 5000 w/Cab
Hesston PT10 Windrower

PICKERS
Oliver 73H 2R
NI #7
NI 10 1 Row
IH 234 Mtd
NI 314 Sheller

GRAIN DRILLS
IH 5100 20x7, Plain
Moore No-Till
Tye No-Til 80"
IH 510 18x7 w/DDO

LOADERS
IH 2350 Fast Attach
IH 2050 A
NI 502
NI 506
Kwik Way (IH 284)
Hydro-Mac 10 Skid

To Our Loyal Friends, Both Old & New, Our Best Wishes For A Merry Christmas & A Happy New Year

HARROWS
Rhino 83 Disc 10'
Rhino 76 Disc, Very Nice
JD 425 Offset Disc Sharp
Brillion 10' Cultipacker
IH 47 Disc 13'
Perry 12'
JD 12'
JD WRA 13' Disc
Nemyer 3 pt Harrow Tiller

SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal

UNI EQUIPMENT
NI 737 Husking Bed, Picked 16 Acres
708 Hydro
767 Super Chopper
744 N 4 RN Head
NI 717 Combine
NI 710 Combine
NI 734 3 RW
844 W 4 RW Head
740 Feeder House
729 A Sheller
709 Hydro 4 WD

COMING IN...
NH 56 5 Bar Rake

MANURE SPREADERS
Starline Tank Spreader
Badger 1500 Gal Vacuum Tank w/Injectors
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Bilt 357

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo-matic 24' Silo Unloader
Silo-matic 14' Silo Unloader

RAKES
Farmhand Whl Rake
NH 57 R 3 pt
Vicon Turner
Tonutti Whl Rake
Vicon 4 whl rake 3 pt hitch

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2000 2RN+2RW
JD 38 2 RW
Fox 502 2 Row Snapper Head
Fox 3000, 3 RN Head & PU
IH 555 1R w/Hay PU
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head
Gehl 72 Flail Chopper
Fox 2 Row Narrow Corn Head

WAGONS
(1) Grove wagon, hydro drive, rear unloading
IH 51 Wagon w/140 Gear
Badger 16 Tandem Axle
Badger Tandem Running Gear
Gehl 912 16' Forage
Grove 14+16' Forage
Vandal 180 Mixer Wagon
Clay 14' Forage Box
8 Ton Wagon Chassis
Badger Forage Wagon

MOWERS
Bush Hog 108 9' Offset Pull
NH 451 7'
Oliver 7 Mower
IH 222 like new
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle

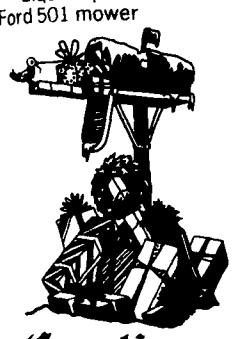
MELROSE FARM SERVICE
Greencastle, Pa. (Second Location) 717-597-3138

AVCO NEW IDEA

WHITE FARM EQUIPMENT

USED EQUIPMENT

Ford 1500 4 WD PS
Ford 125 Lawn & Garden Tractor w/mower
Ford 9600 Tractor
Farmall 340 Trac
Oliver 535 Combine 12'G H 3 Row C H
IH 56 4R Planter
Amco Terrace Disk
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Ford 2 Row Cultivator
Hesston PT 10 Windrower
Hesston 1014 Windrower
MM 3496 Combine, Cab 2R Head, 12' Grain Head
1068 Haybuster No Till Drill (Demo)
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
NI 218 Manure Spreader
Better Bilt 1100 Gal Liquid Spreader
Ford 501 mower



Greetings

May your Christmas hold many wonderful surprises in store!

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

1 FARM EQUIPMENT

JD 4020 power shift, dual hydraulics. 814-793-4293.

JD 4020 side console, real clean, low hours 814-793-4293.

Kuboto L245HC, 1983, like new. 220 hours, side dresser, rear and bottom cultivator, front weights, $7500. 609-799-5233.

Limb Lopper's Mark II Super 4 and 5 foot complete with hydraulic hoses for orchard or commercial work, excellent condition. Call 516-727-3789.

Minneapolis Moline G900 Diesel, original paint, like new. 814-793-4293.

Minneapolis Moline wheel drive spreader, good condition, $385. Small grain auger wagon, $495. 717-949-3074.

New John Deere 4250, cab and air, power shift, $33,000. 814-793-4293.

JD 4440, cab & air, 81 model, power shift, like new, 814-793-4293.

JD 4520 w/factory cab, dual hydraulics, excellent. 814-793-4293

JD 4630 4 post roll guard, PS, dual hydraulics 814-793-4293

JD 4320, 38" rubber, dual hydraulics, excellent condition. 814-793-4293.

JD 4430, cab, QR, dislock, low hrs., can finance, sharp. $13,900. 717-264-1154.

JD 4430, cab & air, 77 model, power shift, 814-793-4293.

JD 4430 4 post roll guard, PS, 77 Model. 814-793-4293

JD 4030, QR, only 1863 hrs., dual hydraulics, good rubber, top link, can finance. $9,500. 717-264-1154.

JD 4240 Tractor 1982 Model, like new condition, only 1200 hrs., $24,000. 717-532-7054 or 717-532-8363.

JD 4320 roll bar, 4200 hrs., clean, original tractor, $8,900. Can finance. 717-264-1154.

ANNOUNCING OUR SPECIAL FINANCING ON NEW EQUIPMENT 2.5% APR FOR 5 YEARS

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JD 4040
AC D15
JD 4640
Case 970 w/Cab
JD 2640 Like New
JD 4040 w/Cab
IH 706
AC190XT

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC N5 Rotary
AC N6 Rotary
AC F2

NEW & USED IMPLEMENTS

NH 513 Spreader
1 Used Manure Spreader
10 Used Square & Round Balers
4 Used Haybines
3 Used Plows

SPECIAL SAVINGS ON ALL NEW & USED FARM EQUIPMENT - PLUS FREE FINANCE UNTIL USE SEASON

UNIONTOWN FARM EQUIPMENT
Box 1030 Rt. 119N
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Call 412-437-9851

Holiday Greetings

Season's Greeting

NEW FORDS: 555A TLB, 4 WD, cab, torque convertor; 555 TLB /cab, torque convertor; 4610SU; 5600 4 WD; 1510; 1310; 7610 4 wheel, synchronesh transmission; 6610; 1210 w/loader.

FORDS: 550 TLB, 382 hrs.; 4500 TLB; 3500 TLB; 3400 TLB

USED: Ford 9600, 8000, 3000, 800, 8N, 5000, 3600; Kubota 225, 305; 7100; 175 w/ cab; Int. 706, Cub, A Farmall w/loader, 2424 w/blade.

CARS & TRUCKS: House car, ideal for hunting camp, 27,000 miles, stove, refrig., sleeps 6; Ford ½ ton 1979, Ford 8000 Truck Tractor; Torro dump bed; Scout w/blade; White Road Boss w/Cummins engine; Rodgers 35' trailer; Ford pickup 1979, ½ ton.

IMPLEMENTS: Mathew's Chopper conditioner; NI 2 row Sheller; Ford mounted 1 row corn picker; NI 95 bushel manure spreaders; Brillion cultimulcher; Westgo stone picker; Ford Silage Blower 618; Ford 219 transport disc, offset 10' w/24" notched discs List Price $4,900. Special Price $3,000; Ford 240 transport disc, 10' 20" disks; Kasten spreader, 275 bushels; Uebler manure spreader; 3 pt. Cordwood Saws.

HAY BUSTER DRILL
MOORE NO-TILL DRILL
FOR RENT OR SALE

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Farm - Industrial Equipment Sales & Service
Dover, Pa 17315
Ford, IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant
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USED EQUIPMENT

AC 7580 4 WD w/1100 Original Hrs. Duals, 3 pt., Optional, 1000 & 540 PTO Shaft, Triple Hydraulics
$22,750

Case 2670, 2200 Hrs., Duals, PTO, 3 pt.
$19,750

This Week
Uni 709 4 Wheeler w/767 Chopper Elec. Sharpener, 768 Wide-Narrow Head 844 Snapper Head. Adapter Head To Put Snapper Head On Chopper. 717 Combine. 740 Fast Tach Throat

IH 574 D w/Dunham Fast Mt. Loader
JD 2640 D
Farmall 766 w/Cab
Farmall 966
Farmall 806 Dsl.
Oliver 1855 D. SOLD ur Rd. Cab, $6,500
Oliver 1850 Gas

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Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

LOST CREEK IMPLEMENT

JOHN DEERE

Rt. 35 Oakland Mills, Pa.
717/463-2161

JOHN DEERE

GREEN LIGHT SERVICE

10% OFF
PARTS & LABOR
50% OFF
TRUCKING

On all John Deere Service work performed in our service dept. Discounts will apply to all work scheduled through Jan. 31, 1985. John Deere financing available on major overhauls.

BEAT THE SPRING RUSH AND SAVE
$ $$

New Equipment Specials

We Have A Large Selection Of New Tractors In Stock 14 HP - 140 HP At Reasonable Prices And Waiver Until June 1, 1985

	List	SALE
JD 2600 4 Btm. Plow	$9,850	$6,500
JD 1710 A 11' Mulch Tiller	$8,550	$5,500
JD 450 Hydra-Push Spreader	$7,700	$6,000
JD 415 Rotary Hoe	$2,990	$2,200
JD 7000 6RN Cons. Pltr (Demo)	$17,600	$13,500
JD 430 Round Baler (Demo)	$13,700	$11,500

GREEN VALUE USED EQUIPMENT

TRACTORS
JD 4020, Powershift, Dual Rem., Sharp
JD 1050, 33 HP, RG, 375 Hrs., Like New
(2) JD B Tractors, Nice $1000 Each
JD 2510 55 H.P. Gas, WFE, Nice
JD 750, 18 H.P. 4 Whl., 100 Hours, Like New
Ford 6600, 1100 Hrs., Like New, Loaded
Ford 9N, Good $1700
AC D15 Gas, Good
AC WC w/San $750
IH C w/Mower, Plow, Blade
IH H Tractor, Good
Satoh Beaver 4 Whl. $2600

COMBINES
1978 6600 Side Hill, Hydro, Air, Monitor, Chopper Nice
1976 MF 750 w/13' Platform, Air, Hydro, Nice $19,500
JD 30 Pull Type $750
JD 443 Corn Head - Late Style

HAY & FORAGE
NH 315 Baler w/Thrower, Excellent
NH 479 Haybine
NH #8 Forage Box w/Roof
IH 440 Baler w/Thrower
IH 55 Forage Harvester $750
JD 483 Mower-Cond. $1500
JD 800 Windrower 10', Good $2500
JD 24T Baler w/Ejector, Good
(2) NI Hopper Blowers

TILLAGE
JD BWA 13' Disk, Good
Case 9' Transport Disk, Good
IH 401 12' Harrow, Hyd. Ctrl.
18' Transport Harrow, Good $1000
(10) 2, 3, 4, 5 Btm. Plows

PLANTERS and DRILLS
JD 7000 6R Cons., Dry, Mon., Good
JD 494 4 Row, Good $795
IH 4 56, Insect, Nice $1200
Oliver 540, 4 Row, Insect., Dry, Very Good $1200
IH 13x7 Drill, Excellent $750

SPREADERS
(2) NH 512 170 Bu. $1000 each
NH 363 Tank, Good, $900
JD 34 150 Bu. 1 Year Old, Top Beater

PICKERS
#7 NI 1 Row, Good $750
#314 NI 2 Row Sheller, Good

MISC.
96" Bucket -Fits 145, 146, 148, 158 Loaders
20 USE Lawn Tractors $150 & Up

FMC Fresh Market Sweet Corn Harvester, very good condition. Priced to sell. 203-644-1454 evenings.

FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx. 250 bushel capacity 717-286-6411 or 717-286-0215.

FOR SALE-Custom built 2 row corn planters using Max-Emerge units Pull type or 3 pt. No-till or conventional. With or without fertilizer attach. Send for brochure to Pequea Planter, RD 2, Box 2276, Gap, PA 17527. Lanc. Co.

JD 4010 Diesel, wide front, excellent condition. 814-793-4293.

5% Cash Discount off our low prices on most items thru Dec. 1984. Baler twine orders taken.

DANIEL'S FARM STORE
R D 1, Glennbrook Road
Leola, Pennsylvania 17540
PHONE NO.
(717) 656-6982

ROSKAMP PORTABLE ROLLER MIXER

EAR CORN CRUSHER

ELECTRONIC SCALES
Used For 50 Tons

717-626-2680

IHC 986 CAH
JD 4010 Dsl.
AC 7060 CAH
IHC 1066 Cab & duals
Ford 6600 Dsl.
JD 4430 CAH
IHC 656 Hydro
Case 1975, 995 David Brown
AC 185 Dsl.
JD 4010 Dsl.
IHC 986 w/Cab & Air
AC 7060 Cab g Air
IHC 1066
1977 Ford 6600 Dsl.
1974 JD 4430 Cab & Air
MF 1805
Case 2470
Case 2670
IHC 1066
MF 50
IHC 1466
IHC 806
AC 200
IHC 1206
IHC 856
JD 3020 diesel, console
IHC 1026 hydro
AC 185 diesel
JD 4020 diesel
JD 4010 diesel
NI 3 row narrow super picker
1974 JD 7700 diesel
JD 220 flex head
New IHC #720 4x16 Toggle Trip Plow
IHC 715, gas and diesel combines
Miller 12' offset disc
Krause 18' offset disc
IHC 700, 7 & 8 bottom, automatic reset pull type plows
JD & IHC 3, 4, 5 & 6 bottom plows
JD-B 14 and 18 hole grain drills
JD 494-A planters
IHC 3 pt. & pull type chisel plows

Public Sale
Jan. 1, 1985
at 10 a.m.
Includes all of the above plus several consignment items. Look for detailed ad in public sale section next week.

Jim Rodenbeck Farm Equipment
Kendallville,
Indiana 46755
219-347-4483
or
219-347-4127

Farnsworth Farm Supply Inc.

103 Cemetery St.
Hughesville, PA 17737
717-584-2106

OPEN HOUSE SPECIALS

Dec. 28, 29 & 30, 1984
8 a.m. to 5 p.m.
All Items In Stock
Cash & Carry (FOB Hughesville Pa)
Refreshments & Door Prizes

NEW MACHINERY

Hardi Sprayer, 3 Pt. Hitch, 230 Gallon, 26' Boom	$1,000
McConnell 20' Transport Harrow	$2,000
Zimmerman Elevator, 36', #62 Chain	$1,600
White 508 Plow 4 Btm., Automatic Reset, Coulters	$4,000
White 508 Plow, 4 Btm., Cushion Trip	$3,500
White 256 Disc, 13'11"	$3,900
White 256 Disc 17'6"	$5,200
White 425 Chisel Plow 10'	$2,500
NH 663 Tank Spreader	$5,000
NH 667 Tank Spreader	$5,500
NH 358 Grinder Mixer Demo	$7,500
NH 679 Box Spreader	$4,500
NH 513 Box Spreader	$3,000
NH 256 8½' Rake, Steel Tines	$1,800
NH 258 9½' Rake, Rubber Tines, Hydraulic Drive, Demo.	$2,350
NH 488 Haybine, 9'	$6,000
Lamco Self Unloading Wagon 14', 3 Beater And Roof	$2,985

15% OFF All NH and White Parts And In Store Items (Not Already On Specials)

LAWN & GARDEN EQUIPMENT

White LGT 1600 Lawn Tractor, 16 Horse w/44" Mower	$1,500
White 10 Cu. Ft. Wagon	$100
White 3 HP Rototiller	$200

FERTILIZER

5-10-10	$118 per ton
10-10-10	$130 per ton
10-20-20	$175 per ton
46% Urea	$207 per ton
USS 10-10-10	$150 per ton
USS 10-20-20	$204 per ton
USS 8-32-16	$232 per ton

SEED

Certified Seed Oats	$4.50 per bushel
Climax Timothy	$20 per 50 lb.
WL313 Alfalfa	$113 per 50 lb.
WL316 Alfalfa	$113 per 50 lb.
WL318 Alfalfa	$113 per 50 lb.
WL320 Alfalfa	$118 per 50 lb.
Saranac AR Alfalfa	$102 per ton
Certified Arlington Red Clover	$70 per 50 lb.

MISCELLANEOUS

5,000 Watt, 10 HP Generator	$625
9,000'/10,000' Clover Baler Twine, Per Bale	$14
4 Barb Barbed Wire, USA, 72 Lbs.	$24
#14 Aluminum Shovel, 27" Handle	$19
Bulldozer Electric Fencer	$44
4 Tine Manure Fork	$17.50
5 Tine Manure Fork	$18.50

CHEMICALS

Paraquat	$38 per gallon
Atrazine 4L	$7 per gallon
Ciba-Geigy Atrazine 4L	$7.25 per gallon
Ciba-Geigy Atrazine 80W	$1.35 per lb.
Lasso	$18.00 per gallon
Bladex 4L	$16 per gallon
Bladex 80W	$3.00 per lb.
Isotox	$6.00 per can
Princep 80W	$2.50 per lb.
Lorox	$5.00 per lb.
Toxaphene	$11.00 per gallon
Banvel	$44.00 per gallon
Furadan 15G	$1.32 per lb.
Bicep	$16.75 per gallon
Dual	$46.00 per gallon

Pa. Sales Tax Will Be Charged On Taxable Items.

END OF YEAR SALE

Help us move our

Used Backhoes and Loaders

Int. 260-A backhoe
Ford 4500 backhoe
John Deere 400 backhoe (rebuilt engine)
Int. 2514 backhoe
Int. 3514 backhoe
John Deere 400 backhoe (rebuilt engine)
Int. 2514 backhoe
Massey Ferguson 202 loader
Ford 9N loader
Melroe Bobcat 720 skid-steer loader
Int. 4150 skid steer loader
Int. 125E crawler-loader with new under-carriage

Call today - Good terms and Prices

Season's Greetings

William Hobensack's Sons
Ivyland, PA (Bucks Co.)
Phone -
PA - 215-675-1610
Parts and Service 1-800-435-7336
(out of state)
Sales 609-683-1181 (out of state)

JD 40 combine with grain and corn head, very good condition, $1,500. 215-795-2380

JD 4020 Diesel with WF, in very good condition. 717-532-7054 or 717-532-8363

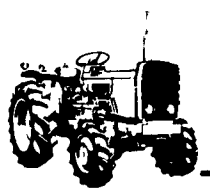
Yuletide Greetings

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
LONG

(2) New Long 610, DT 64 HP - $12,300
(2) New Long 610, 64 HP - $10,250
New Long 510, 48 HP - $8,550
New Long 310 28 HP - $7,000
Long 1549 loader - $2,400
New Long 310 DT - $8,700
New Long 3 pt. Backhoe
1553 Traveler Irrigation

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays



MASSEY FERGUSON OFF SEASON SALE

TRACTORS

All New MF Tractors Have 9.9% Financing Or Leasing Available

- MF 205 Diesel, 20 HP, Compact Tractor, 2 Wheel Drive — List $6,157.00, Sale $4,250.00
- MF 240 Diesel, 34 HP, 8 Speed Trans. — List $11,631.00, Sale $8,800.00 Cash $8,425.00
- MF 250 Diesel, 40 HP, 8 Speed Trans. — List $15,890.00, Sale $11,300.00 Cash $10,825.00
- MF 270 Diesel, 55 HP Multi-Power Trans., Dual Aux., Hyd., Ind. PTO — SOLD — List $19,955.00, Sale $14,200.00 Cash $13,600.00
- MF 670 Diesel, 55 HP, Cab w/Air and Heater, 12 Speed Trans., 4 Wheel Drive, Dual Aux Hyd, Ind PTO — List $32,794.00, Sale $23,495.00 Cash $22,500.00
- MF 298 Diesel, 78 HP Multi Power Trans., Dual Aux Hyd., Ind. PTO — SOLD — List $25,000.00, Sale $17,200.00 List $16,450.00
- MF 3525 Diesel, 105 HP, Cab w/Air and Heater, 16 Speed Trans w/Multi-Power — List $42,072.00, Sale $26,800.00 Cash $25,425.00
- MF 3545 Diesel, 125 HP, Cab w/Air and Heater, 16 Speed Multi-Power Trans — List $47,549.00, Sale $27,500.00
  (Rent This 3545 Tractor For Only $16.00 Per Hr.)

DECEMBER TRACTOR SPECIAL

- MF 2640 Diesel, 90, HP, Cab w/Air and Heater, 16 Speed Trans. w/Multi-Power and 4 Wheel Drive — List $42,093.00, Sale $25,200.00 Cash $23,875.00

USED MF TRACTORS

- MF 175 Diesel, 63 HP, Standard Clearance, Good Condition — $4,500.00
- MF 275 Diesel, 67 HP, 600 Hrs., Ind. PTO, Aux. Hyd., Multi-Power Trans — $10,750.00

We Will Take Trades On Above New And Used Tractors

COMBINE SPECIAL

Waiver Till Sept. 1-85 or 7.9% Finance For 5 Years On New MF Combines

- MF 860 Combine Less Heads, Includes Straw Chopper and Corn Kit — List $91,731.00, No Trade Sale (With Financing) $58,825.00 No Trade Cash $55,800.00
- MF 550 Combines In Stock — Call For Details
- MF 1143 Corn Head, 4 Row Narrow Width — List $11,401.00, Sale $7,495.00 Cash $6,945.00
- Used MF 510 Diesel Combine, 1976 w/Cab and 13 ft Grain Table. — Sale Price $16,500.00
- Used MF 750 Diesel Combine, 1977, Cab w/Air and 13 ft Grain Table. — Sale Price $25,500.00

Used Combines Have Waiver Till Sept. 1-85 Or 6.9% APR For 42 Months

MISCELLANEOUS

- MF 345 Auto Reset, 3 Bottom Mounted Plow — List $3,281.00, Sale $2,495.00
- MF 41 Dyna Balance, 7 ft Sickle Bar Mower, 3 Point Hook Up — List $2,504.00, Sale $1,925.00
- MF 115 7 Tooth Conservation Coulter Chisel Plow, Pull-Type Similar to Soil-Saver — List Price $6,200.00, Sale Price $5,000.00
- MF 520 Disc, 10 ft. Cut, 22" Dia Blades, New Tires — Sale Price $4,500.00
- MF 620 Disc, 12 ft Cut, 22" Dia Blades, Spring Cushion Gang Supports w/Scrapers and Gathering Discs — Sale Price $5,900.00

December Disc Harrow Special

- MF 520 Disc, 12 ft Cut, 20" Blades w/Scrapers, One Only — $2,995.00

MF Massey Ferguson
Your Business Machines

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

A JOYOUS CHRISTMAS

LET US NOT FORGET THE TRUE MEANING OF CHRISTMAS, THE BIRTH OF CHRIST

THE LOVE HE HAD, TO DIE FOR OUR SINS.

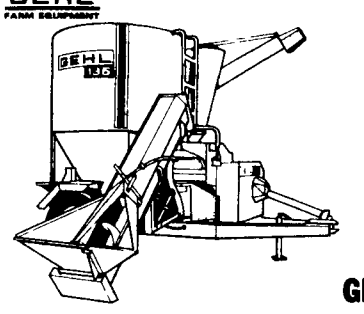
MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.

case

BINKLEY & HURST BROS.

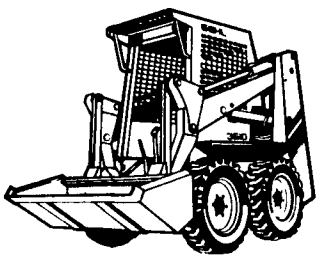
133 Rothsville Station Rd., Lititz, PA 17543

GEHL FARM EQUIPMENT



WINTER CLEARANCE SALE

GEHL



GEHL GRINDER MIXERS

Grinder Mixers Have Delayed Payment Until July 1, 1985

- New Gehl 100 Mix-All, Heavy Duty, 540 PTO, 11Lx15 Tires . . . Selling Price $7,400.00, No Trade Cash Price $6,775.00
- New Gehl 135 Mix-All, Heavy Duty, 540 PTO, 11Lx15 Tires . . . Selling Price $8,750.00, No Trade Cash Price $8,275.00

GEHL SKID STEER LOADERS

Gehl Skid Loaders Have Delayed Payment Until July 1, 1985

- New Gehl 3510 Gas, Flotation Tires, 65" Bucket . . . Selling Price $10,700.00, No Trade Cash Price $10,100.00
- New Gehl 4610 Diesel Flotation Tires, 65" Bucket . . . Selling Price $14,575.00, No Trade Cash Price $13,775.00

HARVESTERS

All Harvesters Have Delayed Payment Until Sept. 1, 1985 Or Cash Discounts, Call For Details

- New CB 750 Harvester, Hyd. Knife Sharpener, Hyd. Spout Control And Hyd. Lift Cyl. Included . . . Selling Price $8,100.00, No Trade Cash Price $7,900.00
- New CB 1000 Harvester, All Elec. Controls, Hyd. Knife Sharpener, Tandem Axles, Lift Cyl. And Hyd. Hoses Included . . . Selling Price $10,750.00, No Trade Cash Price $10,450.00
- New CB 1250 Harvester, All Elec. Controls, Hyd. Knife Sharpener, Tandem Axles, Lift Cyl. And Hoses Included . . . Selling Price $12,800.00, No Trade Cash Price $12,450.00
- New HA 1100 6 Ft. Hay Pickup . . . Selling Price $1,995.00
- New HA 1200 7 Ft. Hay Pickup . . . Selling Price $2,850.00
- New TR 3038 Cornhead, 2 Row Narrow, One Only #9842 . . . Selling Price $2,995.00

FORAGE BLOWERS

All Forage Blowers Have Delayed Payment Until Sept. 1, 1985 Or Cash Discounts

- New FB 99 Blower With Heavy Duty 540 PTO . . Selling Price $2,475.00, No Trade Cash Price $2,400.00
- New FB 1540 Blower With Heavy Duty 540 PTO . . . Selling Price $2,600.00, No Trade Cash Price $2,525.00
- New FB 1580 Blower With 1000 RPM PTO . . . . Selling Price $3,300.00, No Trade Cash Price $3,225.00

FORAGE BOXES

All Forage Boxes Have Delayed Payment Until Sept. 1, 1985 Or Cash Discounts

- New Gehl BU 960 Forage Box, 18 Ft. Steel Sides, 3 Beaters And Roof, 1 Only . . . Selling Price $5,850.00, No Trade Cash Price $5,695.00
- New Gehl BU 960 Forage Box, 16 Ft. Wood Sides, 3 Beaters And Roof . . . Selling Price $5,100.00, No Trade Cash Price $4,965.00
- Gehl 1006 10 Ton Running Gear With Adjustable Quick Hitch And 15x8 Rims . . . . Cash Price $900.00
- Gehl 1060 12 Ton Tandem Axle Gear With Adjustable Quick Hitch And 15x8 Rims Cash Price $1,295.00
- Gehl 606 6 Ton Gear With 15x6 Rims . . . Cash Price $475.00

GEHL MOWER CONDITIONER

- New Gehl MC 2160, 9 Ft. Cut, 1 Only, Delayed Payment Until Sept. 1, 1985 . . . Selling Price $7,450.00, No Trade Cash Price $7,250.00

GEHL FLAIL CHOPPER

- New Gehl 7200 6 Ft Cut Flail Chopper, Delayed Payment Until Sept. 1, 1985 . . . Selling Price $5,375.00, No Trade Cash Price $5,235.00

GEHL ROUND BALER

- New Gehl RB 1460 Round Baler With Hyd. Twine Kit, Delayed Payment Until Sept. 1, 1985 . . . Selling Price $9,500.00, No Trade Cash Price $9,175.00

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden Street Richland, PA 17087

717-866-7518

---

1 FARM EQUIPMENT

FOR SALE 1975 JD 4230 cab, air, heater, QR transmission, good condition, will guarantee for 60 days. $10,500. 717-532-8601.

JD 300 Industrial loader tractor (same as 1520), new engine, wide bucket, 3 pt. LPTO, good condition, $4,900/offer. 301-833-9091.

JD 3020 diesel, console model, all new rubber. 814-793-4293.

JD 3020 side console, WF, dual hydraulic, good rubber, nice. $7,500. 717-264-1154.

4230 JD diesel tractor with roll guard, dual hydraulics, good tractor, $9,500. 609-455-3462/ 769-4025.

4440 JD sound guard cab, QR, 20.8x38 tires, duals, dual hydraulics, nice tractor, $22,500. 609-455-3462/ 769-4025.

(50) Wisconsin 4 cylinder motors with transmission. $250. each. Located at Joseph Fazzio Inc. off Rt. 322 in Glassboro, NJ. 609-881-3185.

500 Case dsl., fair shape, with pulley. Franklin 130A XL log skidder. 545 Fiat-allis, TR bucket and log and lumber forks. Tilt bed construction trailer, tandem axel, 8 wheel. 302-492-3858.

TRACTORS

- 5835 IH 986
- 5833 AC 5050 w/400 Loader
- 5739 IH 1066 w/cab
- 5731 IH 656
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5415 IH 544G
- 5787 IH 544 w/new paint
- 5792 Deutz DX 130
- 5793 Deutz DX 160
- 5907 JD 820
- 5784 JD 4630 w/cab, duals
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader
- 5700 N.H. 778 skid steer loader

COMBINES

- 5120 JD 7720 w/4WD, chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5782 IH 1460
- 5447 IH 1480
- 5872 IH 815
- 2108 IH 1480 reconditioned

GOOD SELECTION OF CORNHEADS AND PLATFORMS

MISC. EQUIPMENT

- 5884 JD 2800 Plow, 8x18
- 5870 IH 2350 Loader w/84" Bucket
- 5487 NH 280 Baler
- 5484 IH 2001 Loader
- 5402 N.I. Rake
- 5373 Ag-Chem 500 Gal. Poly Tank
- 3111 Agrotec 200 gal. 30' sprayer
- 5720 N.H. 1010 Bale wagon
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine

TILLAGE

- 5394 Dunham Lehr 4 Row Cultivator
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5750 Case 14' Disk
- 5564 AC 2300 Disk, 14'
- 5561 J.D. 210 Disk, 13'
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5419 JD 22 Shank Chisel plow
- 5740 IH 560 plow, 6x16
- 395 Glencoe 14' soil saver
- 5534 Glencoe Soil finisher, 20'
- 5868 IH 370 Disc 12'
- 5869 IH 370 Disc 12'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 5578 Krause 3 Bar Harrow
- 5760 Wilrich 24 Ft. Field Cultivator
- 5759 MF 520 Disk 12'
- 1512 Miller 8500 offset disc 26'
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5615 Brillion SC-01 Field Cultivator, 20'

MOWERS

- 5751 Rhino Flex 15 mower
- 5291 Rhino 20' Flex Wing Mower
- 5577 Rhino 20' Flex Wing Mower
- 5569 IH 60 Shreader
- 5702 NH 462 Disc mower

PLANTING EQUIPMENT

- 5713 I.H. 510 Drill
- 5765 JD 246B Drill
- 5766 JD E9300 Drill Attachment
- 2763 IH 620 tandem full press drill
- 3098 IH Dual Hitch for 5100 Drill
- 5786 IH 510 Drill
- 2762 MF 7x18 drill

HOOBER EQUIPMENT, INC.

P.O. Box 107
Middletown, DE 19709
(302) 378-9555

WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE-
2-75 Tractor
2-110 Tractor w/cab
2-135 Tractor w/cab
435 Conservation Chisel Plow

GEHL-
BU960 For. Box
FB 1580 Blower
MC 2160 Mower Conditioner
RM 1460 Round Baler

AVCO NEW IDEA

NEW IDEA-
351 Spreader
352 Spreader
507 Mower Conditioner
509 Mower Conditioner
279 Cutditioner
323 Cornpicker 1 Row

USED EQUIPMENT

NI 702 Uni-System w/2 Row 720 Cornhead And 726 Husking Bed
Danco 14' Forage Box w/Roof
Farmall M Tractor
No. 218 Manure Spreader
No. 1240 4-Row JD Planter w/Dry Fert.—Nice Shape!

Closing At 12 Noon, Dec. 24 Closed Dec. 25th

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911

Ford

SPERRY NEW HOLLAND

TRACTORS

(1) JD B
IH 200 Fasthitch w/3 pt. adapt.
IH 3444 POB
(2) Farmall H
JD 4400 Combine, 13' Grain Head, 36" Row C.H.
MF 165 D. w/loader
Ford 400 Gas 8 speed
Forson Major Dsl. Trac. Loader Backer
Ford 8000
Ford 555 14' Tractor/ Loader/ Backhoe
Ford 750, Tractor/ Loader/ Backhoe Cab
Ford NAA w/Loader
1100 2WD
Ford 1100 4 WD
Satoh Beaver Dsl. 2WD w/Mower
(3) 8 N's
7710 1 yr. old, 700 hrs.

EQUIPMENT

(1) NH 518 Spreader
IH 830 Fg. Harvester, Corn & Hay Heads
NH 275, 269 Balers w/throwers
NH 718 Fg. Harvestor Corn & Grass heads
NH 770 Fg. Harvestor w/corn head & elec. controls
Ford 241 10' Disc Harrow
Single Axle Tank Trailer, 4,000 gal.
(2) Ford 9 tooth Soil Savers
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.

RD3
Tamaqua, PA 18252
Phone: 717-386-5945

1 FARM EQUIPMENT

IH 4366, CAH, 1400 hours, 18.4x38, $18,000 215-857-5048 evenings.

IH 440 3-16 Trip Plow, $600 Also, Plow Packer for same, $75 717-933-5442.

IH 826, cab & heat, 2800 hours, 16.9x38, dual hydraulic, dual PTO, $6700, 215-857-5048 evenings.

Int. Combine 503 hydro, 13' flex platform and 6 row narrow corn head $6,500. or reasonable offer. After 6 p.m 215-489-0858.

International 856, dual hydraulics, original paint, excellent condition. 814-793-4293.

International 1468 tractor, excellent condition. $12,500. 717-263-9577

Int. 140 with attachments, $2500. 301-876-1956.

IRRIGATION PIPE: 4,000', 8"x30', 6" & 4" available. 717-532-9108.

Farmall Super A tractor with front mounted hydraulic lift snow plow. Very good condition, tires like new, new paint, $1650 Near Pottstown, Pa 215-495-6135

Farmall 400 fast hitch NFE 3-16 plows, Int 4120 skid loader, 2 buckets, low hrs, 16 HP, Kohler 814. Huntingdon Co 814-669-4363.

Farmers & Dealers - Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164

Iron Age High Pressure Sprayer, 10 row booms, 400 gal. tank, $435.00. Lackawanna Co., 717-587-2817.

JD A model tractor, electric start with hydraulic, fair condition. $1,000. Negotiable. 304-289-3764 after 5 p.m.

JD H with plow and cultivators, electric start, hydraulic lift. $1,000 301-876-1956.

JD 1520 dsl, $3,500 301-876-1956

JD 2020 Gas, high and low, spin out wheels. 814-793-4293.

IH 2000 front end loader with 17.5 gal per minute pump. No Bucket Fits B-414, B-275 IH tractors or could be adapted to fit other similar sizes $1,500 negotiable 215-367-2933 days or 215-369-1418 evenings

Have a perfectly heavenly holiday!
Many thanks.

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160

MF Massey Ferguson

MF 285 8 Speed
Satoh Buck 4WD w/Mower
IH 154 Cub w/Mower
AC WD
Woods RM 306 Mower
MF 725 7' Mower Conditioner
IH 37 Baler w/Thrower
IH 540 Manure Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
MF 180 Tractor
(2) 5' Rotary Cutters
NH 270 Baler w/Thrower
NH 271 Baler w/Thrower
NH 450 Sycle Bar Mower
IH 8 Crop Chopper
AC Forage Harvester
NH 16' Forage Box
Gehl 65 Grinder Mixer
NH L225 Skid Loader
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine
Gehl 600 For. Harv. w/2 Heads
Fox Blower
MF 65 Trac., Gas
MF 236 Loader
Gehl 4500 Skid Loader w/Backhoe Attach.

NEW HOLLAND

Silent Night

May a joyous Noel be yours in every way

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA 717-328-2244

Merry Christmas & Best Wishes For A Prosperous New Year.

JOHN DEERE

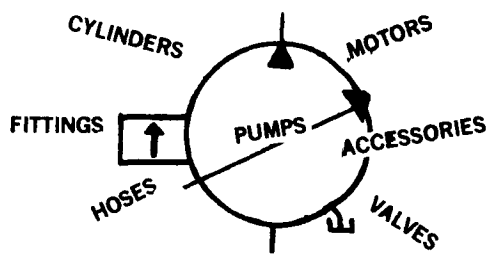
USED MACHINERY

Case 1570 Tractor, Cab, Dual Whls. Call For Price
Avail Waiver of Finance Till June 1, 1985

NH 1880 SP Forage Harvester w/2 Row Wide 3 Row Narrow Corn Head & Grass PU Head, New Cat Eng. $12,000
JD 7000 Cons. 6 R Planter w/Drg. Fert., Markers & Monitors $10,000
Attach., Dry Fert., Markers Mon., Auger Fill $6,900
IH B275 Dsl. Trac 3 Pt. Hitch . . $2,700
JD 2510 Trac. Dsl., WF, PS . . . $5,300
JD 3960 Harvester w/Elec. Controls $8,000
JD 800 Windrower w/12' head
JD 35 Harvester
JD 38 Harvester

Call about our selection of used balers, plows & planters.

HYDRAULICS
New & Used

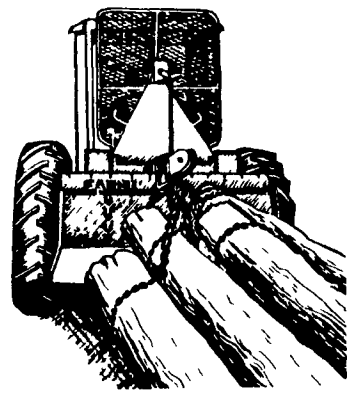


Inventory Reduction Sale
10% OFF
ALL STOCK
NOW THRU DEC. 31st

We Appreciate Your Goodwill & Friendship And Express Warmest Wishes To You & Your Family For A Wonderful Holiday Season, And A Happy New Year

Also We Are Changing Our Name To:
BEILER HYDRAULICS
(formerly Beiler Hydra-Matics Same Owner - Same Address)
Box 587, RD #3
New Holland, PA 17557
(717) 656-2846 (UPS Service)
P.S. Thank You! It Was A Pleasure Doing Business With You Again In 1984.

DRAG IN THE PROFITS!



Make your tractor a productive forest machine with a Farmi Logging Winch!
Your tractor and the Farmi winch is a low cost solution for winching in and skidding out your firewood, pulpwood and logs.

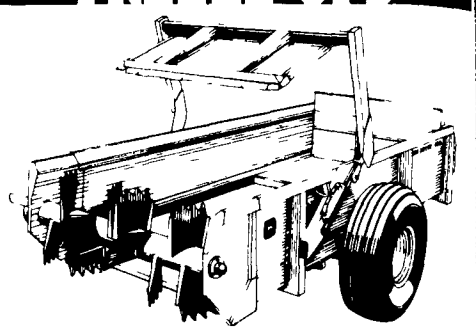
FARMI MODEL	LINE PULL	TRACTOR SIZE
JL250	5500 lbs.	18-30 HP
JL306	6600 lbs.	25-50 HP
JL456 -JL50	10000 lbs.	50-140 HP
JL60	15000 lbs.	80 HP & Up

The winches fit any 3-point hitch. Several logs can be winched in at one time.
The cable is locked when the logs have been winched to the tractor. The 3-point hitch is raised to lift the logs off the ground when the logs are transported to the landing.
Farmi winches are sold and serviced by:

DONALD LAIDIG
6437 Ebenezer Rd.
Orrstown, Pa. 17244
Phone 717-532-4045

SPECIAL CHRISTMAS GREETINGS

AVOID SPREADER FREEZE-UPS



Self-cleaning design on John Deere's Hydra-Push™ spreader helps prevent winter freeze-up

Spreading manure during winter is no fun especially when the conveyor chain freezes down Now John Deere s Hydra-Push spreader helps you avoid those freeze ups by using a unique hydraulic unloading system

The 450 Hydra-Push Spreader with capacity of 217 cu ft or 225 bushels (heaped single beater) uses a hydraulic-powered moving panel to push and carry manure to the beat ers No more apron chains!

Spreader sides and floor are coated with a corrosion-proof material so manure tends not to stick or freeze to it Productivity is increased because there is no time-consum ing cleanout stage

(1) Left In Inventory at '84 Prices!

The people at Oxford Greenline wish to take this opportunity to thank all their customers for their business in 1984 and wish them God's richest blessing thru 1985.

OXFORD GREENLINE, INC.
RD 1, Oxford, PA
215-932-2753 215-932-2754
Hours: 7:30 AM - 5:00 PM thru Fri
7:30 AM - 12:00 PM Sat

John Deere design, dependability and dealers make the difference

2900 Gal. Tank w/Easy Loader (Patent Pending)

NOW You can haul liquid Manure all day without getting off the Tractor Seat using the SLURRY BUGGY Easy Loader

1.) Back up to pit or lagoon. Lower easy loader (boom) from tractor (by hydraulic)
2.) Engage PTO. Switch pump to vacuum
3.) Float level indicator shows when tank is full
4.) Stop PTO. Raise boom and head for the field.
5.) In field. Switch pump to pressure. Start PTO. Open Valve and unload.

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- Tanks are made of 5/16 thick metal
- Large air cooled vacuum pump (350 cfm @ 15 HG)
- Heavy duty walking beam axle
- Pump has not only a primary trap but also a large secondary moisture trap
- Pump has an air precleaner
- Manure is loaded through an 8 in. tube
- A 6 in. hydraulic operate brass valve for unloading
- Has 3 different manure spreading patterns
- Tank has a float level indicator and sight glass
- A 20 in. rear manhole for easy access to tank

Optional Features
- Heavy Duty Tool Bar With 4 Tooth Spring Loaded Injection
- 6 in Side Valve For Hose Hookup

Made in Lancaster Co., PA For More Information Call or Write

SLURRY BUGGY EQUIPMENT
RD 2 Box 148 717-859-3869 Ephrata, PA 17522

1 FARM EQUIPMENT

For Sale: NH skid steer loader model 779; 130 Backhoe; Dual axle construction trailer, 1985 Chevy C30 dump truck. Will sell together or separate. 215-267-8250 or 215-267-4620.

For Sale. Uni System, 705 diesel power unit, 737 Husking bed, 743 3-row narrow cornhead w/740 fast-tach feeder house, low acreage. Call 814-237- 8226 or 238-3240 after 8 p.m. or leave message.

For Sale. Vacuum pump for manure tank, Pearson PB10, 540 PTO, good condition, $650.00. 717-382-4881.

FOR SALE-JD pull type 10' chisel plow, $1,400. Union Co. 717-523-7134.

FOR SALE-JD 1982 3140, 18 HP, cab, dual hydraulics, same as 2940, only 1,713 hrs. Will deliver and guarantee, new condition. $12,500. 717-532-8601.

FOR SALE -1975 JD 4230 QR trans., fenders, 18x4x38 tires, good running condition. $9,250. 717-532-8601.

FOR SALE-1983 JD 4240S mechanical 4WD with caster steering, cab, air, heat, QR trans., 713 hrs., factory warantee, 140 HP. 717-532-8601.

JD 2030 diesel, high and low, heavy duty front end. Real clean. 814-793-4293.

JD 2030, 76 model, independent PTO, 38 rubber, heavy front axle. $6,500. Can finance. 717-264-1154.

510 IH grain drill, 6x24 double disc liquid fertilizer, very good condition. 717-464-3688.

END OF SEASON SALE

Used Farm Tractors

Int. 140 tractor w/1 row cultivator
Int. 1566 tractor (160 HP)
Int. 986 (110 HP) roll bar
Int. H-86 tractor (70 HP) hydro, like new
John Deere 4020 tractor (95 HP)
JD 4020 w/Duals
Ford 8600 tractor (110 HP)
Ford 4100 tractor (45 HP)
Massey Ferguson 135-D tractor (37 HP)
Int. 504 tractor with loader (46 HP)
Farmall M tractor (35 HP)

Used Combines

John Deere 7700 combine with 13' grain and 4 row corn
Int. 815 combine w/13' grain and 4 row corn
Int. 503 combine w/13' grain and 4 row corn
Oliver 525 combine w/11' grain and 2 row corn
Waiver of finance and payment available until spring. Help us reduce inventory before winter - Low Prices

Season's Greetings

WM. HOBENSACK'S SONS
Ivyland, PA (Bucks Co.)
Phone
Parts and Service 1-800-435-7336
(out of state)
NJ Sales 609-683-1181 (out of state)
PA 215-675-1610

MF Massey Ferguson — FIELD QUEEN FORAGE HARVESTERS

WISHING YOU A BLESSED CHRISTMAS

GOOD USED EQUIPMENT

TRACTORS
MF 165
MF S-90
MF 175
MF 285, 8 Sp.
MF 1080
MF 1130
MF 2705 cab, 700 hrs.
MF 1150 w/cab
Farmall MTA
Farmall 400 gas
Farmall 966

SPREADERS
Patz 181
Gehl 250
JD 34
NI 213, SB
NI 213, Flail
NI 218, SB
NH 318
NH 676

LOADERS
Gehl HL 4400 Dsl.
Gehl HL 3510
Gehl HL 4600

COMBINE
MF 300, cab
MF 35, SP
IH 203

NEW EQUIPMENT

MF 240
MF 250
MF 254
MF 270
MF 274
MF 285, M-P
MF 670, cab
MF 2640 4WD
MF 690 4WD
MF 670, 4WD
MF 550 Corn Special
MF 3525
Brillion 7' chisel plow
Hesston 7150
Hesston 680
Gehl CB1250
HL 3510
HL 4610

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

SPECIALS
S.G. LEWIS AND SON, INC.

352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440
SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT — 2-YEAR WARRANTIES

NH 311 Baler w/NH 70 Thrower $10,100
NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan $6,650
NH 472 Haybine $6,500
NH 892 Chopper w/NH 824 Corn Head
NH 1600 Harvester w/4 Row C.H. & Pickup
NH 782 Harvester w/Manual Controls
NH L35 Skid Steer Loader for Rental
NH 38 Crop Chopper $3,975
NH 28 Blower $2,973
NH 238 Wagon $2,050

HOLIDAY GREETINGS

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, w/cab
JD 4230 narrow front
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4020 Gas w/cab
JD 4020, power shift
JD 4020 Syncro w/cab
JD 2840 w/cab
JD 2640
JD 2240
JD 2020 diesel
JD 2020 w/loader
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
Int. 2424 w/loader
Int. 1086 cab & air
Int. 986 cab & air
Int. 886 cab & air
Int. 1066 w/cab
Int. 464 w/loader, used 800 hrs.
IH 966
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 404 w/Power Steering
Large Selection of Farmall Cubs
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
AC 180 diesel
MF 1105
David Brown 1200 w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp
MF 410 hydro.
444 JD corn heads
JD 3300 combine
1975 JD 4400 diesel
JD 4400 gas

USED PLANTERS

JD 7000 4 row liquid fertilizer
JD 7000 4 row Dry fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90

MISCELLANEOUS

SPECIAL
New NH 346 Tank Spreader $5,700.

Int. 510 grain drill
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Brillion 10' seeder
Large selection of plows from 3 to 7 bottom
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
NI 323 picker
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler
NI #7 picker

1975 GMC w/Jer-dan rollback body
1964 Ford C700 w/24' Schwartz rollback body

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

g-Industrial Equip. Co.

ALLIS-CHALMERS — KUBOTA — JCB — Bruton — SPERRY NEW HOLLAND

We are now rebuilding starters & alternators in our shop to provide faster service & greater savings to our customers.
Immediate exchanges are also available for most models.

TRACTORS
(2) AC 7060 PS
AC 7040
AC 7030
AC 7000
AC 7020
AC 5050 w/Ldr
Case 970
Case 930 w/Ldr
Case 2390
Case 801B
JD 60
JD 2440
IH 656
Kubota M200 SOLD

LAWN & GARDEN
Simplicity w/Attachs
Sears 24 HP w/Snowblower Mower & Dozer Blade
(2) AC B-10
AC B w/Cult & 2 Btm. Plow
AC 208 Homesteader
AC Big 10
(2) AC 710 w/Mower Simplicity 728
Wheel Horse w/Mower

FORKLIFTS
AC Mod. 50
AC Mod. 60
AC Mod. C40X
(2) Mod. 50 LPS

MOWER CONDITIONERS
(2) NH 1495 SP
(2) NH 1469 SP 9 ft.
NH 479
NH 489
NH 495
Cunningham
Hesston 1014 Windrower Hydro S
Hesston 620 Windrower SP

FORAGE EQUIPMENT
JD 5440 w/3RN & WPU
NH 1880 w/1895A & 919N4
(3) NH 822 C. Hd.
NH 770R2
NH 919A4
NH 892 w/880 WPU w/Low Profile Hd.
NH 890N3
NH 880R2
NH 880 WPU
NH 770 w/770N2 & WPU

WAGONS
NH 8 Crop
Hesston 30A Stacker
NH 1010 Bale
Grove 505 w/Runnning Gear Flat w/Body

LOADERS
NH 425
NH 445 w/Deutz Diesel

MOWERS
Nh 462 Disc
JD Side Mt.
Bushhog Batwing
JD 25A Flail
Woods RM 48
IH Mower
Ford Flail

SPREADERS
NH 518
(2) NH 367 Tank
NH 213

COMBINES
AC FKS w/438, 430 & GH
AC CII w/2 Hds.
AC F330 Corn Hd.
AC G440 Corn Hd.
NH TR70 w/960 & 962W4
NH 970 Gr. Hd.
NH 995 w/Gr. & Corn Hd.

BALERS
Hesston 4600
(2) NH 278 w/58 Thrower
NH 315 w/58 Thrower
NH 268
NH 65
NH 310 w/70 Thrower

PLANTERS
(2) AC 600 4R
AC 7R Bean
AC 600 6 Row
AC 4R No Til

MISCELLANEOUS
JD 12' Cultipacker
IH 45" Vibra Shank Harrow
AC 5 Btm. Plow
Brillion STS 10 Transp. Harrow
NH Straw Chopper
Pequea 7' Tedder
Lely Rotara
Kubota 1102 Engine
Kubota EA600NB Engine
Moore Grain No Til Drill
NH 85 Rd. Bale Handler
Wisconsin TFD Engine
(2) 6 ft. Scraper Box

Call Ed Greenleaf, Sam Siple
Service Call Terry Greenleaf
1207 Telegraph Road, Rt 273 Rising Sun, Md
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru Fri 8 to 6, Sat 8 to 3
CLOSED SUNDAY

1 FARM EQUIPMENT

For Sale: New Holland Baler 273, excellent condition, $3,000. New Holland haybine 467, fair condition, $800 717-529-6273

For Sale: Stack mover, OMC 540-A, pull type, $500. 301-833-9091.

FOR SALE- NI manure spreader, 10 years old, good condition, single beater Lanc Co 717-733-0058 after 5 PM

FOR SALE-JD 3120 with slant hood, cab, Independent and dual PTO, nice condition, $6,500 717-532-8601

FOR SALE-L-35 NH skid loader w/37 HP 4 cylinder gas air cooled engine has front and rear lights $5,500. Cumberland Co 717-532-3360.

FOR SALE-NH L-775 skid loader w/F3L-912 Deutz dsl. 50 HP, equipped with lights and weights, $8,500 Cumberland Co 717-532-3360

FOR SALE-1 Badger 10' liquid manure pump 717-897-6616 or 897-5470.

FOR SALE-1983 Yanmar tractor Model YM276D, 27 HP diesel, w/Kelley No 30 backhoe and front end loader, used only 30 hrs. $11,000 negotiable 304-863-8467 or 304-422-3890

FOR SALE-JD 4030 dsl., SR trans., 4 post roll guard, nice cond. $8,300. 717-532-8601.

FOR SALE-Super C with cultivators in very good condition. 717-664-2739.

FOR SALE-Tractor 1520 JD Diesel, very good condition. Asking $4,500 or best offer 215-593-6879

AVCO NEW IDEA

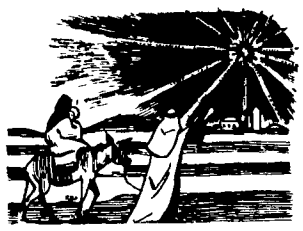
C.J. WONSIDLER BROS.

SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon -Fri. 7.30 A.M - 5:00 P M
Sat 7 30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd ,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon -Fri. 7 30 A M. - 9 00 P M
Sat. 7 30 A.M - 4 00 P.M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7.30 A M 5 00 P M
Sat 7 30 A M - 12 30 P M



SEASON'S GREETINGS

Our Christmas wish is that all our customers that we so highly value throughout the year will be blessed with peace, joy, and goodwill.

May the spirit of Christmas once more unite your family and fill your hearts with joy.

From our family to yours...
A Very Merry Christmas

VERMEER · HEDLUND MARTIN INC · Vicon

Special End-of-Year Prices On All No-Till Grain Drills!

NEW EQUIPMENT:
(2) Vicon 600 Lb. Fertilizer Spreaders
(2) Vicon 900 Lb. Fertilizer Spreaders
(2) Vicon 1400 Lb. Fertilizer Spreaders
(2) Vicon 1900 Lb. Fertilizer Spreaders
(1) Vicon 20 Ft. Hay Tedder
(1) Vicon KM 321 Mower Cond., 10'6" Cut
(1) Vicon CM 165 Disk Mower, 5½' Cut
(1) Vicon 5 Wheel Rake
(1) Vicon 8 Wheel V-Rake
(1) Vicon RP 1210 Round Baler
(1) Vicon SP 450 Square Baler w/Thrower
(1) Vicon SP 460 Square Baler w/Thrower
(1) Vicon 230 Gal. 3 Pt. Field Sprayer
(1) Vicon 510 Gal. Trailer Sprayer
(1) Vicon 15 Ft. Power Harrow
(1) Vermeer 504H Round Baler
(1) Vermeer 605H Round Baler
(1) Vermeer 107 No Till Grain Drill, 10 Ft. Width
(1) Vermeer HL12 Bale Mover (Stacks Bales 3 High)
(1) Hedlund Martin 1263 Scavenger II Spreader

USED & DEMO. EQUIPMENT
(1) Vermeer 504H Round Baler
(1) Vermeer 107 No Till Grain Drill
(1) Haybuster 1068 No Till Grain Drill
(1) IH No. 10 Grain Drill, 16 Hole
(1) Vicon 1210 Round Baler
(1) Vicon 16 Ft. Hay Tedder
(1) NI 650 Lb. Fertilizer Spreader
(1) NI Manure Spreader w/Hyd. Endgate

Seasons Greetings
...And Thanks For A Good Year In 1984!

RED WING FARMS
R D #1, FLEETWOOD, PA 19522
PHONE NUMBER: 215-944-0402

USED EQUIPMENT
Fox 3000 Harvester
NI 5 Wheel rake
NH 1495 Haybines
NH #518 Manure Spreader
NI #224 Spreader
NI #245 Spreader
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new

Farm Toys and NH Clothing: Vests, Jackets, Sweatshirts & Caps

USED TRACTORS
AC 6080
AC 220
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

NEW EQUIPMENT
18'6" Amco Disc
Bale Queen Hay Wagons
NH Skid Loaders

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

Happiest

of Holidays

You've been a joy to know and serve.

BHM FARM EQUIPMENT INC.
RD 1, Annville, PA
717-867-2211

CASE 2094 & 2294

Equipped With Cab-Air
20.8x38 8 Ply Tires
15 Front Weights

"NEW" DECEMBER DEMO SPECIALS

	8.8% Financing OR 6-1-85 Waiver		FOR CASH DEAL
2094 (110 HP)	$29,995	~~$27,500~~	$26,995
2294 (130 HP)	$33,495	~~$30,500~~	$26,995

NEW EQUIPMENT SPECIALS

- Landoll 7 Shank Soil Controller, Demo $4500
- Amco F17 Disk Harrow, 12 Ft., Demo $5700

10% Financing on Used Ag Tractors

USED EQUIPMENT

TRACTORS
Ford Jubilee
White 4-150
Ford 3000
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 2090 Cab
Agri Power 9000
JD 50
JD 4440
JD 3010
Case 1390

FORAGE
Gehl 99 Blower
Gehl 910 box/roof
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter
IH 51 Forage Box
Fox 300 Harvester

INDUSTRIAL LOADERS & BACKHOES
Case 580B Backhoe
Case 480 Gas
Case 1737 Uniloader
Hough HFH
Ford 3500 Diesel
AC 640 Loader
Case 1835 Uniloader
Case 1845 Uniloader

MISCELLANEOUS
Martin 2000 Liquid
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
Case 12' Field Cultivator

SPREADERS
NI 206
NI 213
NI 214
NI 218
NI 224
JD 54

ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
JD BWA Disk
OMC 217 Mower-Conditioner
Sauder Loader
13 ft. Chisel Plow
270 Cut-Ditioner

NEW IDEA
325/314 Picker Sheller
325/327 Pickers
702 G Power Unit
710 Combine
743 N Head
767 Harvester

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case · AVCO NEW IDEA · GEHL Gets into your system · BUSH-HOG

BEHOLD!

His birth inspired all mankind with renewed faith and hope. May you each experience the inner serenity and enlightenment that this special holiday brings.

To all of our Customers and Friends,
CHRISTMAS GREETINGS
AND A
JOYFUL NEW YEAR
MESSICK FARM EQUIPMENT INC.
RHEEMS EXIT - RT. 283 ELIZABETHTOWN, PA

1 FARM EQUIPMENT

For Sale: Full line of farm equipment. Owner disabled Like new Ford tractor, #5610, 170 hours, roll bar and shift on steering. 4-16" 4 bottom triple back plows Hay wagons. Balers. Drills. Elevator. Plus many other items used and working 500 acres. 717-334-2490.

Ford 4500 Industrial Loader 740, 3 pt., weights, counter balance bucket. All original, like new condition. Always stored inside, used to pull lawn cart. 584HR certified. $6,500. 215-582-4226.

For Sale: Austin-Western Grader w/cab. Call evenings, 717-286-9698.

For Sale: IH 986 C&A, 2300 original hours, $11,900. 301-833-9091.

FOR SALE-1981 JD 4240 cab, air conditioning, heat, QR transmission, dual hydraulics, 60 percent original rubber, 2,314 hrs., very nice. 717-532-8601.

FOR SALE-400 Farmall, w/TA, recent overhaul, new paint, with loader, $1,995. 717-354-4763.

Ford 3000, engine rebuilt, low hours, good rubber, weights, $3500. 717-264-1154.

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others. Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders. Call or write for equipment and parts brochure.
VILSMEIER EQUIPMENT, INC.
Route 309
Montgomeryville, Pa 18936
Phone: 215-699-3533

COMBINE-AC , Model 438 Corn Head, 13' Grain Head, good condition. Always kept inside. 301-877-9889.

FOR SALE-1 Galvanized grain bin, 6-8 tons; semen tank, 24 week, like new. 717-864-3792.

FOR SALE-1 row Int. potato digger with PTO and rubber, very good condition, $595 or BO. Boggs potato grader, $95. After 6 PM 717-432-4228.

Bulk fertilizer body, 12 t o n capacity, 9" auger on tantum Brockway truck, $2500. 609-395-0874.

Case 1370, CAH, 3000 hours, 20.8x38, 12 speed, PS, $8900. 215-857-5048 evenings.

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

For Sale: WD 45 Diesel $1,000. Call after 4:00 p.m. 717-632-7588.

Bobcat 631 skid loader, Deutz diesel, low hours, 814-793-4293.

BRAND NEW FIELD SPRAYER BARGAIN: Cagle 500 gallon, low profile tank, tandem axles, 47' boom, quality gear pump. Will sacrifice at $3,900. New price is in $6,000 range. Snyder County, PA. 717-837-0724.

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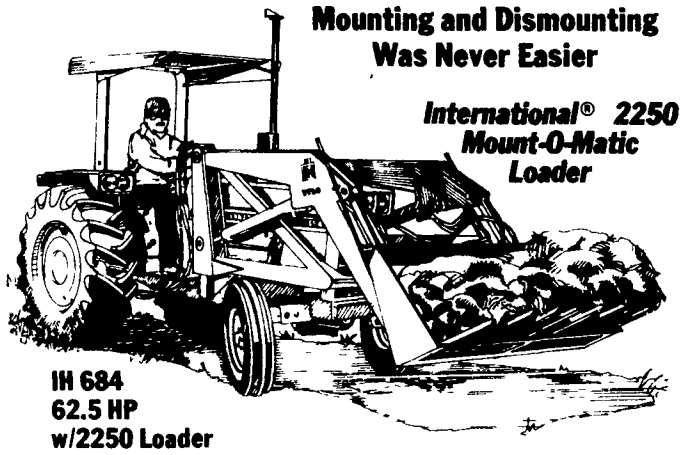
Mounting and Dismounting Was Never Easier

International® 2250 Mount-O-Matic Loader



IH 684
62.5 HP
w/2250 Loader

2250 Mount-O-Matic has a 10½-foot dump and is ideal for 40 to 80 horsepower tractors.

INTERNATIONAL 595 SPREADER

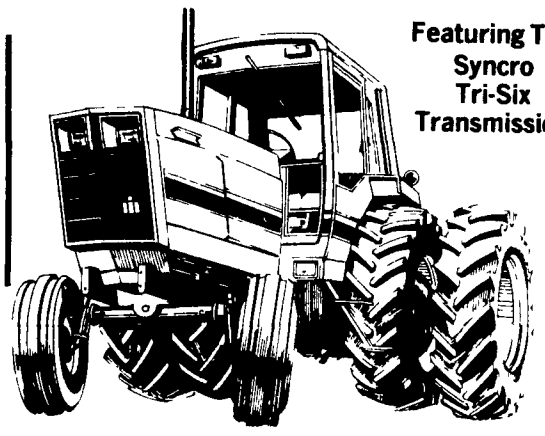
- **Hydraulic Endgate**
- **Upper Beater**
- **Splash Guard**

All This For $8,585.00

Plus CASH REBATE OR WAIVER OF FINANCE

IH 5288 162.6 PTO HP

Featuring The Syncro Tri-Six Transmission



Special Price And Waiver of Finance

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TRACTORS
- IH 340 Tractor Fast Hitch
- IH Cub Lo Boy
- Farmall A
- Kubota 185 w/3 pt Hitch
- IH 606 Utility w/Loader 3 Pt Hitch
- Farmall 460 Fast Hitch
- Ford 4000 Tractor
- 3 Pt Hitch 40 HP

SKID LOADERS
- NH L425 Rental Unit
- NH L775 D w/Bucket 680 Hrs (Like New)

SPREADERS
- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters, Hyd Gate
- NH 516 Spreader
- NH 676 Spreader
- Starline Tank Spreader, Tandem Axle, Left Hand Discharge, Hyd Lid Openers, Like New
- Martin Scavenger II, Model S1466
- NI 224 Spreader, 10 Ton w/Hyd Gate
- NI 214 Single Beater

TILLAGE
- JD 350 6 Bottom Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- JD 10 ft Rotary Hoe
- IH 3 Bottom Fast Hitch
- Glencoe 9' Shank Soil Saver w/New Discs, Flotation Tires Cylinder & Hose

HAY & FORAGE
- Dion Forage Box Wagons
- IH 1190 Mower Conditioner

USED TRACTORS
- IH 656 Farmall w/3 Pt. Hitch, Nice
- IH 886 D w/ROPS, 1260 Hrs., Like New
- IH Model 84 Hydro w/2250 Loader, Ex. Cond.

ROUND BALER SPECIAL
- NH Model 850 Rd. Baler, Good Condition

SPECIAL
IH Replacement Blades For Glencoe Chisels
$24.95

- NH 2 Row Snapper Head
- New Idea 1 Row Corn Picker
- NH 880 Harvester w/2 Row Corn Head, Nice
- IH 555 Harvester w/2 Row Corn Head
- HD Big Bale Mover
- IH 40 Shredder, 4 Row
- NH 276 Baler w/Thrower
- NH 24 ft Elevator Nice
- IH 7 Flail Chopper
- NH 718 w/12 Reversible Knives 2 Row or 1 Row Corn Head
- IH 56 Blower, HD PTO
- Super 717 Harvester w/2 or 1 Row & Pickup Attach (Excellent)
- IH 830 Forage Harvester, 12 Knives w/Power Grinder, 3 Row Narrow Corn Head Pickup Attach Low Profile Super Sweep
- NH 489 Haybine Like New, Cut Less Than 50 Acres
- JD 1 Row Corn Picker
- IH Model 40, 4 Row Shredder
- NH Model 36 Flail Chopper

MISCELLANEOUS
- Herd Fertilizer Spreader & Seeder
- NH 234 Wagon w/Flotation Tires
- S P Case Combine w/15 ft Platform & 6 Row Cornhead Good Cond Only $8500
- 1 Set of 18 4×26 Dual Wheels, Complete
- Brillion 10' Agr Grass Seeder w/Transport, Only Seeded 150 Acres, Like New

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 367-7926.

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CASH REBATES, LOW RATE FINANCING
OR
WAIVER OF FINANCE TILL JULY OR SEPTEMBER 1985
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- 0% for 12 Mos.
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- 9.9% for 24 Mos.
- 11.9% for 36 Mos.

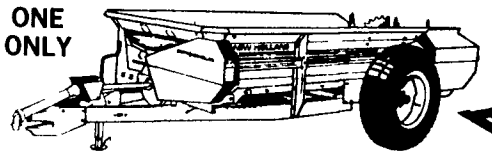
Plus NEW HOLLAND WINTER BUYERS DIVIDEND

On Some Hay & Forage Equipment
Up to $6,000 Rebate

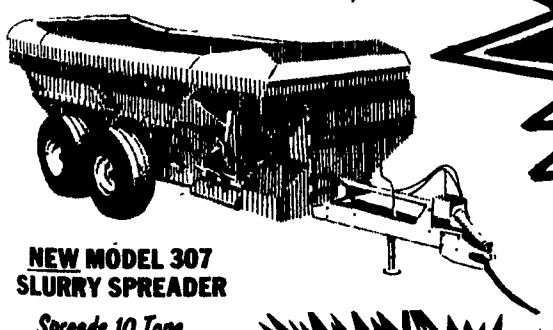
STRONG-BOXES
FROM THE SPREADER LEADERS
9 MODELS TO CHOOSE FROM

New NH MODEL 513 SPREADER
177 Bu., Single Beater

ONE ONLY



SPECIAL..... $3,285
Pay Cash
And DEDUCT — $300
CASH $2,985



NEW MODEL 307 SLURRY SPREADER

Spreads 10 Tons Per Load!

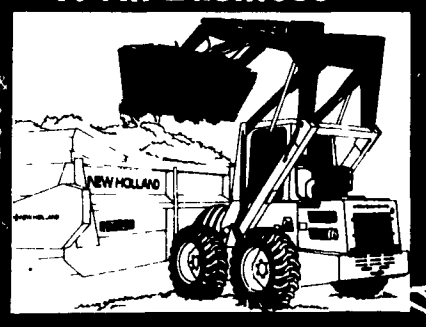
In Stock And Ready For Demonstration

TIME'S RUNNING OUT FOR 1984 TAX INVESTMENT CREDIT, ETC.

WAIVER OF FINANCE ON SPREADERS TILL APRIL 1, 1985 OR CASH REBATES OR LOW RATE FINANCING

The New NH L785 SUPER BOOM LOADER Is All Business

It Lifts Loads Levels & Hauls Grades And Cleans Up Backhoes And Backfills Trenches And Transplants Digs And Drops Holes

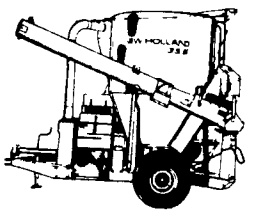


IN STOCK

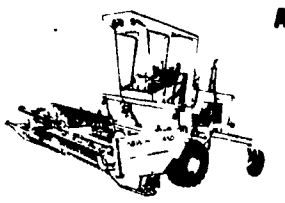
100 Bushel Tank...21" Mill

NH 355 GRINDER MIXER
Choice of 10-13-17 or 20 Ft. Unloading Augers, Lets You Reach Where You Want.

Optional Electronic Scale Assures Accurate Control Of Rations



NEW EQUIPMENT IN STOCK AT OLD PRICES



1495 HAYBINE® MOWER CONDITIONER

12 Ft. Cut w/9 Ft. Conditioning Rolls For Faster Drying Action.

Qualifies For **WINTER BUYER'S DIVIDEND**

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0% FINANCING ON ALL NEW HOLLAND EQUIPMENT

1 FARM EQUIPMENT

NH 354 Grinder Mixer, real good

(1) NI #214 Spreader Triple Beater

(1) NH 512 Spreader Single Beater

IH Reset Plows (4)-16s Model 700 Semi Mtd. Auto Reset, Real Good

(1) NH 346 Tank Spreader Left Hand Delivery

(1) NH 30' Elevator w/C.H. & Motor, Good Shape

Hope this holiday is the best ever!

PAUL SHOVER'S INC.
35 Willow Street
Carlisle, PA
717-243-2686

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case

Case 1210 Tractor, just overhauled, A1 Shape

705 Power Unit Diesel, Uni-System

Hesston 4600 Hydraulic Tension Conv. Baler – Will take best offer, only 1 yr. old

OMC 540 Stacker

OMC 540 N Mover

10' Pittsburgh Disc, like new

AMCO 10' 1982 New Disc

RP 10' Disc, A1 Shape (New)

Used NI #324 2 Row Wide gathering unit, good shape.

Plus NI 702 Uni-Tractors, mow/ditioners, tractors, NI 323 corn pickers & spreaders in stock at Good Prices.

Season's Greetings

May you experience the joys of Christmas with those you love. Many thanks.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

Quality Used Equipment

John Deere design, dependability and dealers make the difference

- **TRACTORS**

JD 4020 Dsl., PS, Overhauled
JD 4230 Cab
JD 4240 Cab, QR
IH 1466, No Cab, Duals
JD 4630 Cab, QR, Duals, very clean
JD 8430 3 pt., PTO, duals
Stieger PTA 310
Stieger PTA 310 w/Bull Dozer Blade

- **PLANTING EQUIPMENT**

Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 4 RN No-till
JD 7000 6 RN No-till, dry Fert

- **COMBINES**

JD 215 Flex Platform
(1) JD 15' Rigid Platform
JD 444 Corn Head

- **TILLAGE**

JD 210 Disc, 12' 10"
Ford Disc 24'
Brillion 12' Chisel Plow
Springtooth 12'
Dunham 14' Packer

- **HAY & FORAGE**

(2) JD 3800 Forage Harvesters w/2 row Wide Corn Head

- **MISCELLANEOUS**

NI 2 Row Wide Corn Picker
Sunmaster 7½' Pull Type Mower

–Cooper Ent., Inc.–

"We Cater To All Farmers, Big or Small"
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Evenings Call
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END-OF-THE SEASON INVENTORY REDUCTION

SAVE $$ SAVE $$

JOHN DEERE TRACTORS!

- **Eligible For Company Programs In Effect.**

14.5 HP (Model 650) Bar Tires
14.5 HP (Model 650) 4x, Turf
22 HP (Model 850) Turf
33 HP (Model 1050) Bar
45 HP (Model 2150) 4x
50 HP (Model 1450) 4x Now In Stock!
120 HP (Model 4250) PS, 4x, 20.8x38 Tires
70 HP (Model 2640) 2 Wh, 18.4x30 Tires

- **We Trade Used Tractors!**

USED TRACTORS

U. Oliver 1450 Diesel.
U. JD "A" Antique (Restored).
U. JD "H" Antique w/ Cultivator (Restored)
U. AC D14, Wide Front, Good Condition

★ NEW & USED MYERS UNIVERSAL LOADER SNOW PLOW!

★ JD & BERVAC 3 PT. SNOWBLOWERS!

SNOWMOBILES

Many New SnowMobiles In Stock-
★ JD and POLARIS
• Also 10 or More Used Snowmobiles
Priced From $200 to $2150

We Have A Full Line Of
JD & NH BALERS
And Other Farm Equipment
In Stock
At Special
OUT-OF SEASON PRICES!

Coming In!

JD 3940 PTO For. Harvester with 6311 Cornhead And 6331 Pickup— Excellent Condition!

HUGE COMPANY SAVINGS on NEW HOLLAND SPREADERS

PLUS...
OUR OWN LOW PRICES GIVE YOU THE BEST DEAL POSSIBLE!

Models In Stock...
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HOURS:
8 to 5; Sat. 8 to 12

KERMIT K. KISTLER, INC.
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Phone 215-298-2011

For Sale: NI#213 Manure Spreader, single beater, gratz chain, very good condition. $1800 Berks 717-933-8639

For Sale: NI 2 row mounted picker #319, front and 12 row rear Also, sheller, like new Call after 7 PM, 717-379-3245. Ask for Bob

For Sale: Stoltzfus Truck mounted broad fall fertilizer spreader, PTO drive. Call 717-668-5215 or 717-668-0716.

For Sale: Schwartz 760 mixer wagon w/scales $2,400.; New Gehl 100 mixer. $6,200., JD 4010 wide front. $4,800 717-733-0575

NEW EQUIPMENT

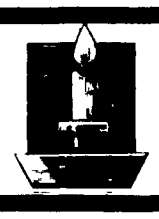
NI 352 5 Ton Manure Spreader
NI 353 8 Ton Tandem Manure Spreader
NI 354 11 Ton Manure Spreader
NI 382 Solid + Manure Spreader
NI 384 Solid + Manure Spreader (Demo)
Glencoe SSS-7 7 Shank Soil Saver
Glencoe 12' 9 Soil Finisher
Arps AB150 7' Blade
Gehl 4610 Dsl Skid Loader
Gehl 3510 Skid Loader (Demo)
Hesston 566 50 HP Trac.
Hesston 2420 12' 3" Disc Harrow
Hesston 1091 9' Windrower
Hesston 1014 2+2 12' Windrower
Round Bale Feeders, In Stock & Calf Hutches

USED EQUIPMENT

Farmall C Tractor
NI 213, 217 Manure Spreader w/Hydraulic Gate
Windpower 15,000 Watt PTO Generator
Mohawk 3 pt. 7 Shank Chisel Plow
JD 3 pt. 214 Plow
3 pt Cord Saw

God Bless You And Keep You In The Circle Of His Love. Warm Thanks To All Our Friends.

Umberger's Of Fontana, Inc.
RD 4, Lebanon, PA (Fontana)
717-867-5161 or 717-867-2613
Mon.-Thurs.-7:30-5:00;
Fri.-7:30-8:00; Sat.-7:30-4:00



HOLIDAY GREETINGS

May this bright Christmas be filled with happiness!

INTERNATIONAL HARVESTER

USED COMBINES

Int. 205 w/2 heads, nice
Int. 125 w/ Grain Head
Int. 715 Diesel w/4 row narrow head, nice
JD 7700 w/2 heads
MF 750 w/grain head
MF 510 w/2 heads

USED TRACTORS

Farmall H
Farmall M
Allis Chalmers WD
Ford TW 10 w/1425 hrs.
Case VAC MM 445 w/Loader
Ferguson SOLD 35

USED EQUIPMENT

900 Badger Blower
Huff Pay Loader
NH #518 Manure Spreader
Ontario Hoe Drill

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader
#100 Grinder Mixer
#2330 Disk Mower Conditioner

Eckroth Bros. Farm Equipment
RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED TRACTORS

AC 7045 w/cab, 7040 w/cab, 7030 w/cab, 7000, 190XT w/cab, 160, 6080 like new, 6060 w/loader, 5040 w/loader, D17 gas & diesel, D15, 170 w/loader, B, C, AC D12, D19 w/fact. 3 pt. hitch.
FORD 3600 D w/factory cab, 800, 600, 8N.
MASSEY FERGUSON MF 275 w/cab, 175 D, 135, 35.
JOHN DEERE 4020 diesel power shift, 3020 diesel, 2640, 2440, 720 diesel, wide front, 530. 3020D side console, 2510D.
IHC 886 very good, 706, 404 w/loader, 140 w/cultivator, Farmall 140 w/Loader, 100 high clearance, M, H, Super A w/highway sickle bar mower. 3 used Cubs w/belly mowers. Super MTA, very good.
KUBOTA 225 tractor w/cab.
DAVID BROWN 1200 w/loader.
LAMBORGHINI model 904, 4WD tractor.
LONG 560 4WD.

HAY & FORAGE

Used Snapper Heads for forage harvestors. JD 1 row, NH 1 row for 770 & 782, NH 2 row wide & narrow for 890 & 892. IH 743 narrow row corn head. Used forage wagons, AC, Grove, Gehl, NI, IHC, NH and Lamco. Used short hopper PTO blowers. Wood & steel bale racks, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC, JD, AC, NH pickup heads, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. NI corn pickers one & 2 row w/husking beds & shellers. USED HAY BALERS: NH 273, 276, 269, 275, JD 336, JD 346, Hesston 4500, IHC 425- most w/throwers, USED ROUND BALERS: Hesston (2) 5800's NH 850, NH 846 auto wrap like new, Ford 552. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. Gehl 99 short hopper blower, very good. Used regrinder, blowers, shellers, & McKee corn hog. New Farmhand Grinder Blower, Model #132Y2 w/Hyd. Cross Conveyor $4950.

PLOWS

Used Spring Reset Plows semi mount - JD 5 & 6 bottom, IHC 4, 5 & 6 bottom, AC 4 & 5 bottom, semi mount hydraulic reset, JD 5 bottom spring reset trailer plow, 3 pt. hitch 3 bottom spring reset, Ford & IHC 450, New Kverneland 3 bottom 3 pt. hitch reset plow.

SPECIAL
Just Received
2 JD 440C Log Skidders
Very Good Condition
Choice for $19,850

MANURE SPREADERS

Better Bilt 1500 gal. liquid spreader, Ground drive 75 & 95 bushel, NI & Int'l. NI 213, 165 bushel manure spreaders w/wood side & floor avail. w/single beater or flail element. NI 206 95 bushel ground drive manure spreader. NI tandem 245, 375 bushel manure spreader. JD 465 barrel hyd. slide top. Martin 2,500 gal. tandem liquid spreader, Hawk 157 tank spreader, rebuilt.

INDUSTRIAL

AC HD3 Crawler Dozer, JD 350 B crawler dozer 6 way blade, Cat D4D dozer direct start. Used AC 840 articulated payloader, one & one-half yard bucket, Case 530 tractor loader backhoe, 615 Tractor Loader, JD 440 Log Skidder, (2) AC 715 tractor loader backhoe, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Bobcat skid steer loader, 610 gas & diesel, 520, NH 775 skid steer loader, Used 6 and 9 ton Tag Along trailers, 1 Ton Paving Roller, AC 940 Diesel articulated 2 yard pay loader.

MISCELLANEOUS

New Kverneland 3 bottom 3 pt. hitch reset plow. JD 1550 3 pt. no-til power seeder, like new. Wood saws, wood splitters, 3 pt. Farmi log winches & 11' truck snow plow. Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, year round cab for AC 190 or 200, year round cab for JD 4020, Bush Hog & Woods rotary mowers, dual wheels 34" and 38", Ford power units various sizes, Grove hyd. drive forage box, 6x20 Hay & Silage Feeder Wagons, 4x24 Hay Feeder Wagon.

MERRY CHRISTMAS & HAPPY NEW YEAR TO ALL FROM

MARSHALL MACHINERY INC.
5 Miles East of Honesdale, Pa.
NE Corner of Pennsylvania Rte 652
717-729-7117
SALES & SERVICE
for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA

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For Sale: Generator 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

For Sale. Gehl #1014 Hydro-swing Windroller, NH 467 Haybine, MF 65 with front end loader, Farmall H and 13' Rotary Hoe, 3 pt. 215-562-4464.

For Sale: Bale Thrower Wagons, Steel or Wood. Will fit sides onto your flatbed. Also, Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt 2, Gap, PA 17527
(717)442-8972

For Sale: Butler-Oswalt model 1830 Ensilmixer, pull type, used 1 yr. Frederick Co., MD. 301-898-7690.

For Sale: Bolens G152 diesel garden tractor. $2100. 3pt. hitch rototiller, $600. Berks Co., 215-683-7230.

For Sale: JD 2840, dual hydraulics. 814-793-4293.

For Sale: John Deere 4020 diesel, narrow front, new clutch, excellent condition. $6,000 or best offer. 215-593-6127

For Sale: JD 4440, 4 post, QR, dual hydro., long axels, 18.4x38 tires, duals available. Good condition. 215-383-6818.

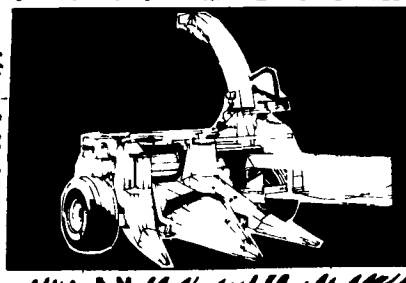
For Sale: MF 410 combine w/cab, gin ext. and weights, machine looks and runs like new; 44 cornhead also available. Call 215-926-5177 Days 215-944-0193 Eves.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

Badger Liquid Tank Spreader, 2,000 gal., $2,500; 2 Gehl bu 810 wagons, roof and 3rd beater, $1,800 a piece; NH 1880 chopper, 3 row corn head, $9,000. 215-933-2223. Chester Co.

6 Shopping Days Left
To Take Advantage Of
"Starvin' Marvin's" Super Cash Deals

IH 3688 110 h.p., Cab, Air, 18.4x38 Rear Tires	$31,500
IH 884 73 h.p., Row Crop, T.A., 15 5x38 R Tires, 2 Valves	$17,500
IH 684 SOLD el Drive, 63 h.p., T A	$18,500
IH 684 Low Profile, T.A., Orchard Special 2 Valves	$15,500
IH 584 52 h.p., Utility, 2 Valves	$13,000
IH 881 H.D. Harvester w/2 Row Corn Head, Grass Head	$15,800
IH 2400 Big Roll Baler, New, Hi Capacity	$7,800



IH 881 Forage Harvester w/Grass Head & Two Row Corn Head
Cash No Trade
$12,400

IH #10 Flail Chopper	$4,950
IH 595 Tandem Manure Spreader, Hyd. Endgate, 451 Cubic Ft. Capacity	$7,850
IH 560 Manure Spreader, 255 Bushel Capacity	$5,300
IH 530 Manure Spreader, 145 Bushel Capacity	$3,150
IH 720 5-18 Reset Plow, No Trade Price	$7,300
IH 5100 18x7 Plain Grain Drill, Double Disc, Grass Seed	$4,750
IH 5100 16x7 Plain Grain Drill, Double Disc, Grass Seed	$4,250
IH 5500 7' Hi-Clearance Chisel Plow	$1,700
IH 4500 12' Vibra Shank Field Cultivator	$2,350
Landoll Soil Master, 7' Tillage System	$5,250

Local Grown Used Tractors and Equipment
Waiver Of Finance Available Till 6-1-85 On Some Items

RED HOT SPECIAL
Farmall 656 Gas, 3 pt. Hitch, Dual Remotes, Rebuilt Engine, Good Rubber, Good Appearance
$7,500

IH 674 Diesel, 77 Model, New Tires, 2070 Hrs
David Brown 1200, 65 h.p., 1 owner, low hrs
IH 1256 20 8x38 Tires, local Tractor, Clean 116 h.p.
Int. Hydro 84 Tractor, 300 Hrs., Sold New in 82
Farmall 504 Gas, Wide Front End
IH H Farmall 51 Model w Loader
IH 350 Farmall Diesel 3 pt Hitch
IH 886 Tractor 38" Rear Tires Very Good $15,500
Fox 3000 Harvester w 2 Row Head
IH 2 Row Cultivator for F230, 240
Papec Forage Blower
IH 56 Blower Late Model
500 Gal Walsh Trailer Boom Sprayer
NH 880 Harvester w Corn Head
JD 54 Manure Spreader w Hyd Endgate
(2) IH 56 4 Row Planters
JD 345 4 16 Semi Mount Plow, Hyd Reset Excellent
Tye 80" Pasture Pleaser Drill w fertilizer, grass seed gauge whls seed firming whls, 3 yrs old
IH 700 5 16 Semi-Mount Auto Reset Plow, Can Convert To 4 Bottom Good Cond
IH 710 3 16 Semi Mount Auto Reset Plow
IH 37 Baler w Thrower 1 Owner Guar
IH 990 Mower Conditioners, 9 Ft Cut
IH 400 6 Row Air Planter No Till Coulters New Double Disk Openers, Insecticide
AC 4 Row Narrow Air Planter No-Till Monitor Insecticide, Markers
IH 400 4 Row Air Planter, No Till Coulters, Insecticide

C & W EQUIPMENT, INC.
260 York Road Carlisle, PA 17013
(Next To The Farmers' Market)
Phone: 717-243-4419
We Ship Parts Via UPS Daily

Waiver of finance Subject to Prior IHCC Credit Approval

SKID STEER LOADERS
NH L425
NH L555
Melrow 310
Case 1740
Case 1816
Int. 656 w/Front End Loader
No Reasonable Prices Refused!

GOODRICH IMPLEMENT, INC.
CALL ED GOODRICH
607-729-6161
745 Harry L. Drive Johnson City N.Y.
(Exit 70N near the Oakdale Mall turn left)
or 1 Mile South of Newark Valley on Rt. 38

NEW HOLLAND
case
KUBOTA

NEED PARTS?
We Have New Parts For Older Model John Deere Equipment...
Harrow, Planters, Balers, Tractors, Rakes, Cultivators, Loaders and More!

Will Sell By The Piece or In Lots!

★ Also New NH 77 Baler Parts and Attachments, including Hydraformatic Attachment.

★ Also New & Used Massey Harris Tractor Parts and Attachments.

CALL
KERMIT K. KISTLER
Lynnport, Pa.
215-298-2011

"Season's Greetings"

NEW EQUIPMENT

TRACTORS
JD 750
JD 2350
JD 2750
JD 4050 SG, QR
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

COMBINES & HEADS
JD 643 Corn Head
JD 662 SOLD bine

OTHER EQUIPMENT
JD 1065 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump
Humdigger D9 3 pt. Backhoe

HAY TOOLS
JD 1219 Mower Conditioner
JD 327, 337, 347W Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
IH 1066 Tractor
IH 966 Tractor
JD 3300 Combine
JD 237 Picker
JD 14' Grain Platform
AC 200 Tractor w/Cab
JD 716 Forage Wagon
NH 770 Forage Harvester
Gehl 600 Forage Harvester
NH 1 Row Snapper
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
NH 791 Manure Spreader
AC K2 Combine
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planter w/Liquid Fertilizer

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I. G. SALES
DeLAVAL JAMESWAY
Silverdale, PA 18962
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Quonset Buildings

MF 410 COMBINE
Diesel, 4 row wide corn head, 13' grain head, good condition.
717-866-7093

WF
HESSTON CORPORATION

NEW EQUIP.
Automatic Roller Mill Blower
Artsway 500 Hammer Mill

TILLAGE EQUIP.
15 Shank Bush Hog
Soil Hog
Bush Hog 13' Offset
Amco 12' & 18' Wing Disks
7 Shank Landoll

USED TRACTORS
MF 165D, Excellent
Case 990 w/Loader
Case 580 CK
AC 1983 6080 4WD, 450 Hrs.
Oliver 550
OMC 1700 Skid Loader
Oliver 77
Oliver 88 WF
Ford 9N
IH 340
Hough 25B Loader w/52" Bucket
AC B
AC D17

USED HARVESTERS
NH 770 Low Profile Head
Field Queen 7650 4WD 3 Row Head & Pickup
Fox 6650 4 WD w/4 Row Head & Pickup
Fox 6200 w/3 Row Head
Fox Max 1 SP
MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 299 80" Flail Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 705 Uni 767 Harvester

USED EQUIPMENT
JD 220 18' Rock Flex Wing Disc
NH #8 3 Beater & Roof
Ontario 15 Drill
Glenco SS7 Stretch Frame, Like New.
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
Hesston 5500 Rd. Baler
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
IH 110 3 Beater Wagon
NH 1495 Gas SP Windrower
NH 479 Haybine
6x41 Snowco
6x48 Mayrath
Hesston 6600 Windrower 16'
White 598 6 Bottom Vary Width Plow
Hesston 12' Hydro Swing
Hesston PT10 Windrower
JD 2280 diesel 14' windrower
111 JD 12' Disc Harrow
NH 368 Flail Spreader
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow & 3 Row Wide Head
Hesston 4 Row Narrow
Fox 3-Row Belt Head
Fox 2 RN Chain Head
Fox 3 Row Chain

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Cochranville, Pa.
215-593-2407

BEAT THE CLOCK!

Save Thousands On Equipment And Taxes With Our YEAR END SPERRY NEW HOLLAND INVENTORY ADJUSTMENT SALE

Now is the time to buy. We're giving cash dividends, low financing rates and special clearance allowances. Here's your chance to save big on the equipment you'll need next season.

HOT DEAL #1

WINTER BUYER'S DIVIDEND - You can earn a cash dividend for the initial purchase of any new, eligible hay or forage machine purchased by March 31, 1985. You can earn an even larger dividend on subsequent purchases - from $900 to $4,500, depending on the machine. This dividend is earned regardless of the financing method used.

HOT DEAL #2

NEW, LOW FINANCING RATES We're making it easy to purchase the equipment you need. The rates listed below are in effect through March 31, 1985. Eligible equipment is new and used hay and forage products, grain windrowers, tub grinders, grinder-mixers and manure spreaders.

0% A.P.R. financing for 12 months
9.9% A.P.R. financing for 24 months
7.9% A.P.R. financing for 18 months
11.9% A.P.R. financing for 36 months
For new, self-propelled hay and forage equipment
12.9% A.P.R. financing for 48 months
13.9 A.P.R. financing for 60 months

HOT DEAL #3

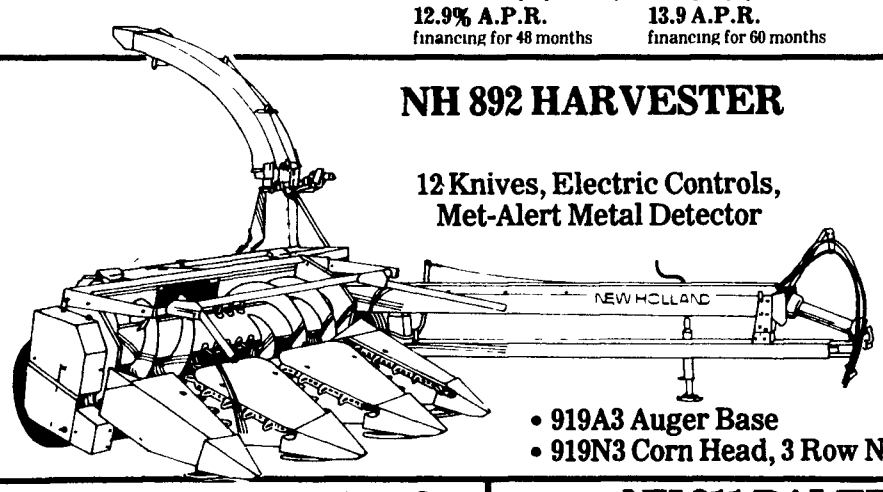
FREE FINANCE - Eligible equipment ncludes new and used hay and forage products, grain windrowers, tub grinders, grinder-mixers and manure spreaders. Use dates vary according to products and geographic area.

HOT DEAL #4

DIVIDENDS FOR CASH - If you like doing business the old-fashined way - with cash we've got a deal for you. Until March 31, 1985, you can earn a cash dividend when you buy new, eligible hay or forage equipment or a grain windrower. This dividend is in addition to the Winter Buyer's Dividend for these products. Until February 28, 1985, you can earn a dividend on new grinder-mixers, manure spreaders and tub grinders. But hurry, because the sooner you buy, the bigger the dividend.

NH 892 HARVESTER

12 Knives, Electric Controls, Met-Alert Metal Detector



- 919A3 Auger Base
- 919N3 Corn Head, 3 Row Narrow

NH L-452 SKID LOADER

Super Boom lets you load the center of a tandem-axle spreader, handle big round bales, bags of fertilizer or feed, clean stalls and much, much more. The unique lift linkage gives you 28 to 34 inches of forward dump reach depending on which of the six models you choose. Super Boom also gives you more capacity, more stability and less spillback than conventional loaders.

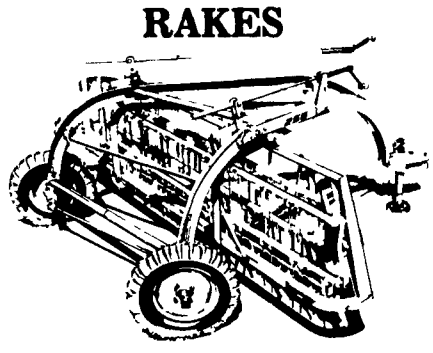
Wisconsin Gas Engine, Flotation Tires, Less Bucket - Demo - 500 + Hrs.

List Price..... $16,350.00

SALE $9,950.00

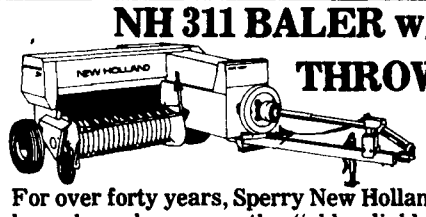
Any Bucket Or Pallet Fork FREE Until December 31, 1984

NH 258 ROLABAR® RAKES



- NH 258 Rake, 9½ Ft., Hydraulic Drive, Flotation Tires, Hitch & Jack **$2,850.00**
- NH 258 Rake, 9½ Ft., Ground Drive, Traction Tires, Hitch & Jack **$2,650.00**

NH 311 BALER w/ THROWER



For over forty years, Sperry New Holland balers have been known as the "old reliables". The most popular is the Model 311 that offers reliability from pickup to knotter.

NH 311 BALER w/75 Hydraulic Thrower & Electric Distance, Tilt Control. $9300.00

Winter Buyer's Dividend ..... - 300.00
$9,000.00

Dec. Cash In Lieu Of Waiver ..... - 450.00

$8550.00

NH 311 BALER w/70 Belt Thrower, Hydraulic Direction, Electric Distance Controls $8,930.00

Winter Buyer's Dividend ..... - 300.00
$8,630.00

Dec. Cash In Lieu Of Waiver ..... - 450.00

$8,180.00

NH 513 BOX SPREADER

177 Bushel, T-Bar Conveyor, Single Beater

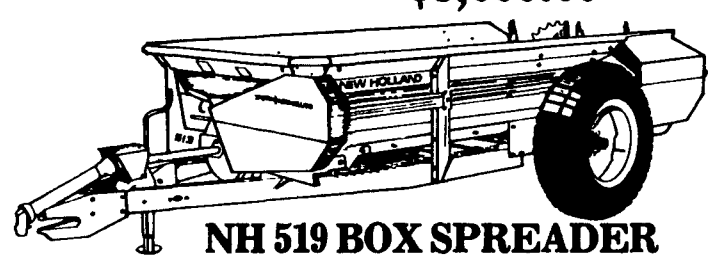
$3800.00

FREE Hydraulic Endgate OR - 500.00 DISCOUNT

December $3,300.00

Cash In Lieu of Waiver - 300.00

$3,000.00



NH 519 BOX SPREADER

217 Bushel, T-Bar Conveyor, Single Beater

$4,500.00

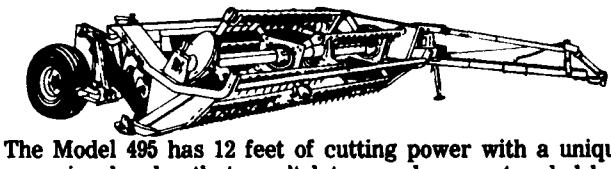
FREE Hydraulic Endgate OR - 500.00 DISCOUNT

December $4,000.00

Cash In Lieu Of Waiver - 300.00

$3,700.00

NH 495 MOWER CONDITIONER



The Model 495 has 12 feet of cutting power with a unique sweeping header that won't let your down or tangled hay escape.

The 495 also gives you a nine-foot swath, something the narrow rolls of other brands cannot do.

12 Ft. Cut w/Lateral Transport $11,050.00

Winter Buyer's Dividend ..... - 400.00
$10,650.00

December Cash In Lieu Of Waiver..... - 700.00

$9,950.00

Season's Greetings

Our Best Wishes For A Very Happy Holiday

NEW HOLLAND

SPERRY NEW HOLLAND

ABC GROFF, INC.

Since 1890

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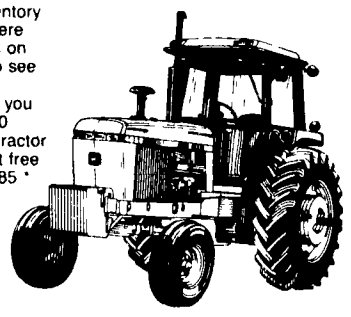
OUR TRUCKS ARE RADIO CONTROLLED

Save Thousands on new John Deere Equipment . . .now!

John Deere has given us tremendous year-end allowances on new equipment and we're passing those savings on to you. In addition to that there are many finance waiver discounts to sweeten the pot. Stop in now and choose your deal.

SAVE THOUSANDS ON new John Deere 100 to 190-hp Tractors

The factory authorized inventory clearance sale on John Deere 100 190-hp tractors is still on But it won t last forever! So see us today about special allowances we can pass to you as discounts on a new 4050 4250 4450 4650 or 4850 tractor Then check out the interest free financing until March 1 1985 * or take a second discount in lieu of the finance waiver However you do it you ll save a bundle!



DISCOUNT IN LIEU OF WAIVER**

MODEL	During DEC	During JAN
100-hp 4050	$ 550	$ 325
120-hp 4250	600	350
140-hp 4450	650	375
165-hp 4650	775	475
190-hp 4850	850	525

JD 4250 120 H.P.

w/Sound Gard Body
Power Shift Trans
18.4x38 Tires

List Price $52,700
SALE $37,700

Waiver Until June 1, 1985 — OR — December Cash In Lieu of Waiver - 1,075

$36,625

JD 2950 85 HP

(Demo One Only)

List Price $27,800
Sale 22,900
JD Customer Discount - 2,700
20,200
December Cash Discount

Waiver Until June 1, 1985 — OR — In Lieu of Waiver - 675

$19,525

JD 2950 85 H.P.

With Sound Gard Body
(Demo One Only)

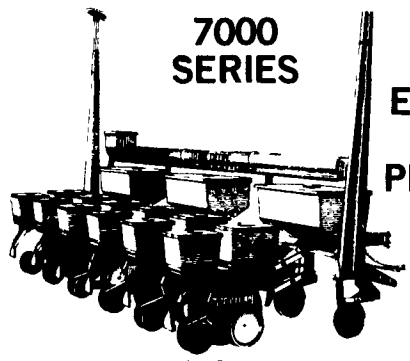
List Price $33,950
Sale $27,500
JD Customer Discount - 2,700
24,800
December Cash Discount

Waiver Until June 1, 1985 — OR — Lieu Of Waiver - 675

$24,125

You Get Long-Lasting Quality With John Deere 45- to 85-PTO hp Tractors, Along With Exciting Efficiency

Accurate depth



Max-Emerge® planters assure accurate depth and good seed/soil contact

Check out depth-gauging wheels that hug the opener disks. Tru-Vee openers that accurately shape the seed trench, and angled wheels that firm soil around instead of over the seed.

JD 7000 4 ROW NARROW

w/Monitor, Markers, Dry Fertilizer & Insecticide **$8,050**

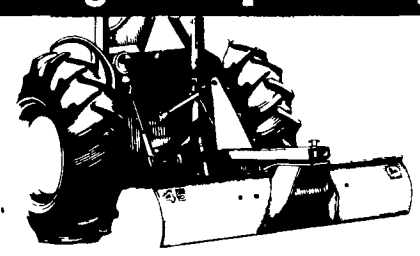
Plus Waiver of Finance till April 1, 1985
Heavy Duty Rippled Coulters - Add $900

JD 4 ROW NARROW CONSERVATION

w/Monitor, Markers, HD Coulters, Dry Fertilizer & Insecticide

Plus F.F. April 1, 1985 **$9,300**

For light-duty blading

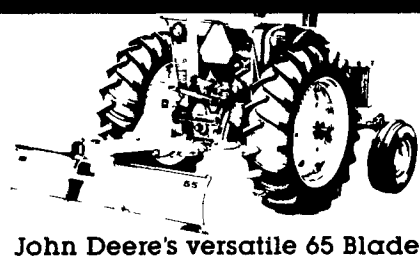


John Deere's 45 Rear Blade is an economical performer around the farm

Look over the low-cost John Deere 45 Rear Blade A fine match for tractors 40 hp or less Handles a variety of blading jobs

JD 45 BLADE
7 Ft. **$449**

Keep blade jobs rolling

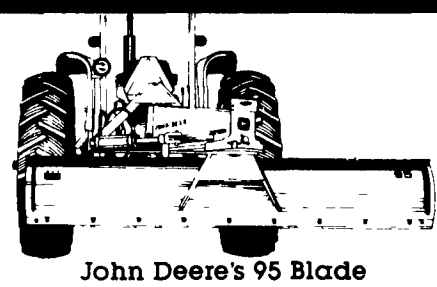


John Deere's versatile 65 Blade rolls snow, manure and materials where you command

The frame design on the 65 Blade gives strength to work behind tractors up to 70 hp Precise blade curvature causes material to roll reducing spills and self cleaning the blade

JD 65 BLADE
7 Ft. **$639**

The all-purpose 95 Blade



John Deere's 95 Blade will handle many blading chores behind tractors up to 90 hp

Push snow grade gravel reshape ditches move manure — the 95 Blade does all this and more Simple manual adjustments for angle tilt pitch — optional hydraulic offset

JD 95 BLADE
8 Ft. **$1,130**

You'll spread big loads in a hurry with a John Deere 660 Spreader

Get big manure-handling jobs out of the yard and onto the field in a hurry with a John Deere 660 Spreader

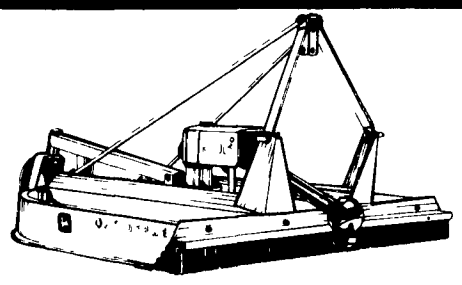
JD 660 SPREADER

300 Bushel w/Hydraulic Endgate And Front Extension **$7,200**

Front Extension - Waiver Of Finance For 6 Mo. From Date Of Sale — OR — Cash In Lieu Of Waiver -225

$6,975

Tough utility

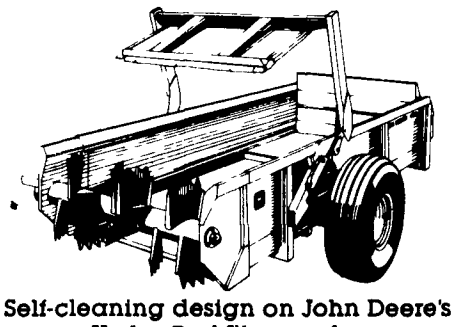


John Deere's 5- and 6-foot cutters feature rugged Unibody™ design

Multi-purpose blades and a circular blade holder are only a few of the features you'll like on these cutters

- 606 UTILITY, 6 FT. **$1,490**
- 609 HEAVY DUTY, 6 FT. **$1,950**

AVOID SPREADER FREEZE-UPS



Self-cleaning design on John Deere's Hydra-Push™ spreader helps prevent winter freeze-up

The 450 Hydra-Push Spreader, with capacity of 217 cu ft or 225 bushels (heaped single beater) uses a hydraulic-powered moving panel to push and carry manure to the beaters No more apron chains!

JD 450 HYDRA-PUSH SPREADER

225 Bu., Hyd. Endgate & Splash Guard **$6,500**

Plus Waiver of Finance for 6 Months
OR - $175 Cash In Lieu of Waiver = **$6,325**

JOHN DEERE

ABC GROFF, INC.

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110 Railroad Ave. New Holland, PA 17557

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AVCO VM Diesel

ADAPTABLE TO MOST APPLICATIONS

SPECIAL

Portable Hydraulic Unit w/8 HP Engine & 100' Hydraulic Hose, To Run Elevators, Etc.

$600.00

TRACTORS

- Super A & Cub Snow Plows ..... $200.00 ea.
- AC D17 Tractor, Good $2200.00
- Ford 3000 (Overhauled)
- IH 560 Diesel $2550.00
- MH Pony w/Cult. & Plow $1250.00

SALES & SERVICE

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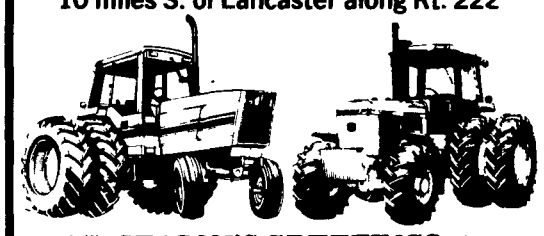
1 Mile North of Bird-In-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA Ph: 717-656-6109

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



SEASON'S GREETINGS
MERRY CHRISTMAS
AND HAPPY NEW
YEAR FROM ALL OF
US AT HERR & LEAMAN

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

JD 8630, 1976 cab and air, factory cast duals, 3 outlets, 3 pt. hitch & PTO, nice & clean
JD 4440 fact. cab & air, 1980 model, fully equipped
JD 4430 Power Shift, 1975 model, factory cab & air, nice
JD 4430 sound gard, cab & air, quad range, very nice
JD 4230 Quad range, factory cab & air, 38" rubber, fully equipped, sharp
JD 4230 4 post roll guard w/enclosure, 38" rubber, 1976 model
(2) JD 4020 Diesel, side console, wide front, dual outlets.
JD 4020 dsl. wide front
JD 4320 w/year around cab, nice
JD 2630 w/Independent PTO, roll guard, and dual PTO
JD 3020 Diesel, side console, power shift, wide front, heat houser, tire chains, very nice
JD 4010 Diesel, wide front
JD 630 w/3 pt. PS w/fenders $1650
(2) IH 1086, cab & air, 3 hydraulic outlets
IH 884 w/TA equipped, like new
(2) IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
IH 1256 wide front, 3 pt., dual PTO's
IH 1256 w/complete engine overhaul
IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics $9500
IH 856 diesel, 38" rubber, super nice
IH 856 Diesel, year round cab & air, w/M&W Turbo, 3 pt.
(2) IH 806 Diesel
IH 826 Diesel, gear drive, wide front, 3 pt.
IH 706 Diesel, clean
Farmall M w/recent engine overhaul
AC 5040 Diesel, late, model, one owner 400 hrs. w/enclosure $6,000.
MF 1080 w/multipower, dual remotes, 16.9x38 rubber
NH #8 Forage Wagon on tandem running gear

HARVESTING EQUIPMENT

NI 705 Diesel w/cab
NI 702 Gas
NI 701 w/heavy rear axle
NI 717 combine $2500
NI 737 Husker $4200
NI 738 4 row narrow corn head, w/stripper bars
NI 730 4 row wide corn head snapper rolls $1,000
NI 767 Super Chopper w/electric knife sharpener
NI 743 3 row narrow quick tach w/stripper bars $2500

MISCELLANEOUS

3 pt. hitch, hydraulic wood splitter
New heavy duty 3 pt. hitch snowblower, 8½' wide
Cab to fit JD 3010 through 4020, $400
Dual wheels - 34's and 38's
Cab w/air to fit IH tractors, 66 Series.

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606
717/464-5960 Evenings

NEW EQUIPMENT

JD 850, 1050, & 2040 Tractors
JD 714 Forage Boxes
JD 1209 Mower Conditioner
JD 650 & 750 Bushhog rear blades
Hesston 1014 Hydraulic Conditioner
Bush Hog 1432 Disc

JOHN DEERE

USED EQUIPMENT

JD B
JD 520
JD 720
IH 154 Low Boy w/Mower
Farmall MD
Farmall Super M WFE
JD 614 Rotary Hoe
JD 336 Baler w/Ejector
JD 1300 Bean Planter
NH 275 Baler
NH 68 Baler
JD 34 Harvesters

Call For Details.

MILLER'S SALES & SERVICE INC.

West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

Vicon — HESSTON CORPORATION

Largest Vicon Dealer in Central Pa.
Big Discounts on 25 Vicon Mower Conditioners, Fertilizer Spreaders, Tedders, Rakes

12 Vicon and Hesston Round Balers	$5650 to $8300
Used Hesston Round Baler	$2000
10 ft. Miller Disc	$3000
JD 8 and 10 Tooth Chisel Plows	$1400 to $1700
5 Used Hay Bines	$1200 to $2800
New Holland Rakes 3 Pt. 7 Ft. Mower	$775
New Hesston 4600 Baler with Thrower	$8300
MF 750 Diesel Hydro with 2 Heads Sharp	$18000
MF 300 with Cab and 11 Ft. Head Sharp	$3600

10 New Woods Cutter and 3 Pt. Blades At Cost
Brillion Tillage Tools
H.S. Manure Spreaders

Erdley Farm Supply
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Shop 717-524-2410
717-524-2408

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon — Vermeer

NEW VERMEER EQUIPMENT

(1) 605H Baler
(2) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 23' Twin Rake
(1) 605 A
(1) 605 D

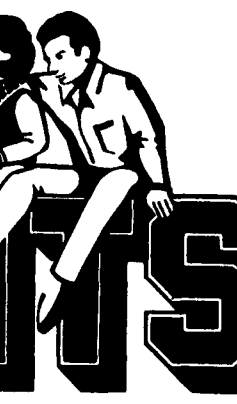
NEW VICON EQUIPMENT

(3) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(3) KM 240 Mower Conditioner 7' 10"
(3) CM 240 Mower 7' 10"
(2) 16' Tedder
(3) Vicon Square Baler
(2) Double V Rake
(4) Single 4 wheel Rake
(6) 100-500 gal. Sprayers w/elec. & manual controls
(12) 3 pt. Fert. spreaders

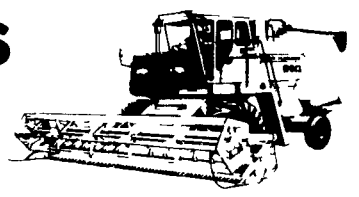
USED EQUIPMENT

(1) 256 Bale Buster
(2) RC 300 and 330 Tedder-Rakes
(2) Large Rd. Balers, 1200 and 1500 lbs.
(1) NH 277 Square Baler w/Thrower
(1) NH 283 Square Baler w/Thrower
(1) NH #68 Square Baler, no Thrower
(1) NH 1210 Bale Wagon
(1) NH #260 Rake w/hitch
(1) MF T0 35 Diesel

THIS YEAR'S BIGGEST DISCOUNTS



DURING N.H. FLICKER & SONS December Off-Season Sale!



Model	Was	SALE
MF 205 Diesel Tractor, Ag tires, 20 HP, 2 Wheel Drive	$6,475	$5,275
MF 1010 D, 2 Wheel Drive, Turf Tires, 16 HP Tractor	$6,390	$4,995
MF 1020 D, 2 Wheel Drive, Ag Tires, 21 HP Tractor	$7,250	$5,375
MF 240 D, 8 speed, stand. clearance, 34 HP Tractor	$12,625	$9,625
MF 290 D, 8 speed, Row Crop, Ind. PTO, 65 HP Tractor	$22,800	$15,600
MF 294 D, 4 Wheel Drive, 67 H.P. Tractor	$26,985	$18,800
MF 298 D, 8 speed, Stand. Clearance, 78 HP Tractor	$25,900	$18,000
MF 699 D, two wheel drive, pl SOLD , 85 HP Tractor	$27,900	$19,500
MF 3525 D, 2 wheel drive, Cab, Row Crop, 105 HP Tractor (Special allowance on 2000 series trade-in)	$42,575	$29,800
MF 3525 D, 4 wheel drive, Cab, 105 HP Tractor (Special allowance on 2000 series trade-in)	$51,800	$41,000
MF 129 Chisel Plow, 10 foot	$2,775	$1,750
MF 233 Disc, 12 foot	$5,895	$4,995
MF 925 Mower Conditioner SOLD	$9,250	$5,800
MF 226 Blade, 7'	$606	$495
MF 1014 Loader	$2,495	$2,195
MF 860 D Hydro Combine, MF9115 15' Head, MF UII Reel, MF 1163 Cornhead (6 Row)	$122,320	$89,000

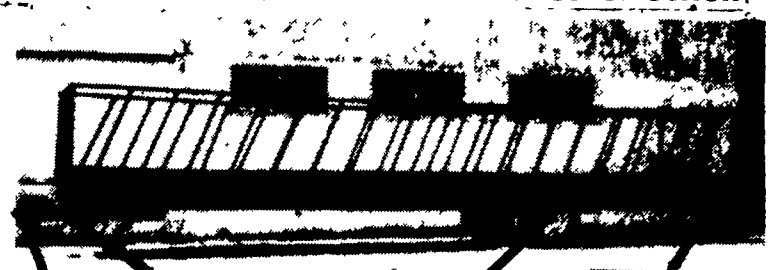
PRICES ARE CASH, NO TRADE. PLEASE INQUIRE FOR BEST PRICES IF TRADE IS INVOLVED. SALE PRICES ARE FOR DEALER INVENTORY ONLY! SALE PRICES EXPIRE DECEMBER 31, 1984

MF Massey Ferguson

N.H. FLICKER & SONS, INC.

Box 68, Maxatawny, Pa. 215-683-7252

ALL PURPOSE FEED TRAILER All Metal Construction



Hitch Slide away hitch to prevent cattle from injury

Jack Fold up bulldog for easy hookups

Bearings Tapered roller bearings for long lasting & easy towing

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* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
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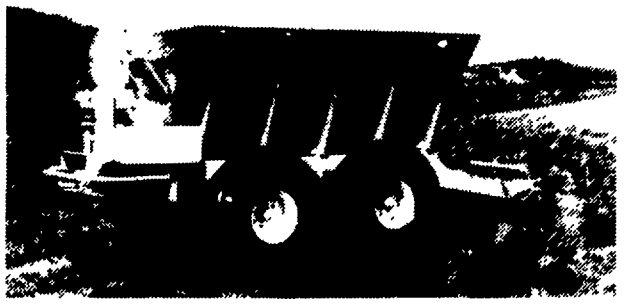
Save costs year after year with your own

WET LIME SPREADER



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- Unique anti-bridging design
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- Truck mounted in 9' to 14' lengths
- Tractor drawn in 2, 5, or 8 ton models

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IH 656 Tractor
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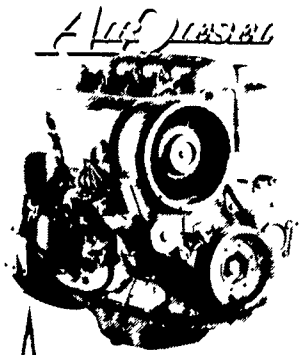

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★ **HIGH VOLUME** - lowest Deutz prices.
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Phone 717-354-4181 New Holland, PA 17557

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1 FARM EQUIPMENT

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USED TRACTORS & EQUIPT. IN STOCK
Ford Super Major 5000 Diesel, Belt Pulley, 47 HP
MF-1150 V 8 engine, turbo multi power trans

NEW TRACTORS & EQUIPT. IN STOCK
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DX 120 Deutz 111 h p, w/4 post safety frame
DT 5830 Landini Tractor 42 pto h p 4 WD
DT 8830 Landini Tractor 68 pto h p 4 WD
R10000 Landini Tractor 92 pto h p w/Perkins 6 354 diesel
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USED EQUIPMENT SPECIALS

TRACTORS

Stock No.	Description	PRICE WAS	SALE PRICE
E9532	IH F1086D Tractor, 18.4x38, 8P, 10.00x16 ROPS Dual PTO	$16,500	$16,000
W8229	IH 966 Tractor, 18.4x34, New Paint	$12,800	$10,800
W8379	IH 4166 Tractor, 23.1x26, 1000 PTO, No Cab	$13,800	$11,500
W8569	IH Super C Tractor, Cultivator, 2 Row-Mtd.	$ 1,500	$ 1,400
W8729	IH F1086D Tractor, 20.8x38 GY, 4 Post ROPS, Rear Wgts., Aux F Tank, Cat III Htch	$17,500	$16,000
W8759	IH F7060 Tractor, MF, 3 pt. TA	$ 5,300	$ 4,900
W8863	IH F656G Hydr. Tractor, NF, FH	$ 7,900	$ 6,800
W8934	IH F1206D Tractor, 20.8x38, WF/ Schwart, FH, No Cab	$ 9,000	$ 7,500
W9022	IH F1066D Tractor, 18.4x38 8P, 2 Rear Wts., 9 Frt. Wts., Y-A-R Cab, Heater, AC	$13,500	$12,500
W9040	IH F1206D Tractor, 18.4x38 8P, Cat III Hit, TA, Rear Wts.	$ 8,000	$ 6,500
W9064	JD 4230 Tractor, Quad-Range, 18.4x34 Dual PTO	$12,500	$10,500
W9194	IH F656G Tractor, 15.5x38 NF, TA, 3 pt., No Cab	$ 6,500	$ 5,900
W9236	IH F1466D Tractor, 24.5x32 10 TA, No Cab, Aux. Tanks, Rear Wgts.	$14,800	$13,800
W9240	IH F986D Tractor, 18.4x38 8P, Cab, Frtbrk	$18,500	$16,500
W9247	IH 544D Hydro Tractor, 16.9x30	$ 5,000	$ 3,900
W9260	Versatile 150 Ser I Tractor, Loader & Bkt, 13.6x24 6P	$15,500	$14,500
W9291	MF 1080D Tractor, 16.9x38, No Cab, 540	$ 6,900	$ 4,500
W9392	IH Super C Tractor, Cult.	$ 1,600	$ 1,500
W9503	IH 544D Hydro. Tractor, 16.9x30, Cab	$ 4,500	$ 3,500
W9508	IH F200G Tractor, FH, R Wts.	$ 1,750	$ 1,500
W9526	IH Super M Tractor	$ 1,300	$ 1,100
W9532	IH 1086 Tractor, 18.4x38 8P, ROPS, R Wts.	$16,500	$16,000
W9599	IH F1066 Tractor, No Cab, Cat III, 20.8x38	$15,975	$14,800
W9605	Versatile 160 Tractor, Loader 84"	$21,000	$19,500
W9610	JD 8630 Tractor	$27,000	$26,000
W9619	IH 1086 Tractor, 18.4x38 Cat III, Full Wts., 3 Valves	$24,800	$24,200
W9620	IH Super MTA Tractor, Pulley Wts.	$ 2,395	$ 2,295
W9622	IH F766 Tractor, 18.4x34 8P, Heavy Wts.	$11,800	$10,900
W9633	IH F1026 H Tractor, Heat Housr	$ 9,500	$ 8,800
W9649	Ferguson 20 Tractor, Drwbar	$ 1,750	$ 1,650

USED BLOWERS

Stock-No.	Description	PRICE WAS	SALE PRICE
U7752	NH 27 Blower	$ 1,250	$ 975
U8719	Kools KB1000 Blower, 1000 RPM	$ 975	$ 750
U9369	IH 56 Blower	$ 1,350	$ 1,075
U9370	IH 56 Blower	$ 1,350	$ 1,200

USED CORNHEADS

Stock-No.	Description	PRICE WAS	SALE PRICE
U3641	AC 440 Cornhead, 4 Row	$ 750	$ 500
U5817	IH 744 Cornhead	$ 1,800	$ 975
U6474	IH 844 Cornhead	$ 4,500	$ 4,200
U7064	IH 863 Cornhead	$ 7,500	$ 6,500
U7719	AC A438 Cornhead	$ 6,500	$ 3,900
U7819	IH 844 Cornhead	$ 4,800	$ 3,900
U8668	IH 863 Cornhead	$ 7,500	$ 6,200
U8673	IH 843 Cornhead	$ 5,500	$ 4,900
U8798	IH 844 Cornhead	$ 4,000	$ 3,800
U8801	IH 227 Cornhead, 2 Row	$ 500	$ 375
U8882	MF 222 Cornhead	$ 900	$ 750
U8883	MF 321 Cornhead	$ 1,500	$ 1,200
U9354	IH 863 Cornhead, Exts.	$ 6,500	$ 6,000
U9493	IH 744 Cornhead	$ 1,600	$ 500
U9509	IH 863 Cornhead	$ 8,400	$ 7,900
U9539	IH 863 Cornhead	$ 6,000	$ 6,000
U9568	IH 963 Cornhead	$10,500	$ 9,500
U9579	JD 643 Cornhead	$ 8,000	$ 7,200
U9624	IH 863 Cornhead	$ 7,500	$ 6,900
U7754	Cornsaver 844 for IH 844	$ 500	$ 500

USED LAWN MOWERS

Stock-No.	Description	PRICE WAS	SALE PRICE
X7947	IH 1000 Cub Cadet 44A Mower	$ 1,850	$ 1,250
X8378	IH 60 Cub Cadet	$ 375	$ 275
X8415	IH 105 Cub Cadet, 42" Mower	$ 1,200	$ 400
X8416	IH 127 Cub Cadet, 42" Mower	$ 1,600	$ 900
X8836	IH 382 5 Spd. Cub Cadet, 36" Mower	$ 1,175	$ 1,250
X9092	IH 147 Cub Cadet, 48" Mower	$ 1,375	$ 1,250
X9265	IH 149 Cub Cadet, 48" Mower	$ 1,295	$ 1,295
X9266	IH 149 Cub Cadet, 48" Mower	$ 1,395	$ 1,200
X9346	IH 102 Cub Cadet, 42" Mower	$ 895	$ 750
X9462	IH 1250 Cub Cadet 44" Mower	$ 1,400	$ 1,275

USED PLATFORMS

Stock-No.	Description	PRICE WAS	SALE PRICE
U9353	IH 820 Header, 15'	$ 5,500	$ 4,900
U9362	IH 810 Header, 20' Ser III, Hart Cartr		
U4260	IH 700 Platform, 13'	$ 500	$ 300
U4638	IH 810 Platform, 13'	$ 1,200	$ 300
U4639	IH 810 Platform, 15' Flex	$ 1,950	$ 800
U5152	MF, NA, Platform, 14'	$ 1,800	$ 700
U5799	IH 810 Platform, 15' Flex	$ 3,800	$ 1,200
U7789	IH 810 Platform, 13' Auto Hd.	$ 2,500	$ 1,375
U7923	IH 810 Platform, 15' Flex	$ 2,800	$ 1,500
U8014	IH 820 Platform, 17.5'	$ 6,600	$ 5,500
U8688	IH 810 Platform, 15' Non Flex	$ 2,900	$ 2,200
U8738	IH 810 Platform, 13' Non Flx	$ 2,800	$ 2,200
U8754	IH 403-12' Platform, 12'	$ 750	$ 500
U8782	IH 810 Platform, 13' Non Flex	$ 2,400	$ 2,000
U8896	IH 810 Platform, 15' w/Flex	$ 2,300	$ 2,000
U9039	IH 810 13' Platform	$ 1,300	$ 1,200
U9467	MF Platform, Non-Flex	$ 1,800	$ 1,500
U9502	IH 810 Platform, 13' Non-Flex	$ 1,200	$ 1,000
U9572	IH 810 Platform, 13' Non-Flex	$ 1,800	$ 1,500
U9595	IH 820 Platform	$ 4,800	$ 4,500
U9614	IH 820 Platform, 16.5'	$ 5,800	$ 5,500

USED COMBINES

Stock-No.	Description	PRICE WAS	SALE PRICE
U7138	IH 915 Combine D, 28.1x26, Htr, AC	$22,500	$17,400
U7222	MF 510 Combine D, 23.1x26, Hydro, 63 CH, 13' HD	$13,900	$ 7,800
U7818	IH 715 Combine D, Hydro, AC	$12,500	$ 8,900
U7904	JD 4400 Combine G, 13' Hdr	$12,900	$ 8,900
U7961	IH 915 Combine D, 28Lx26, AC, AM-FM Radio, Fan Monitr	$19,800	$15,000
U8010	MF 510 Combine D, 23.1x26, 1143 CH, AC, 13' Hdr	$22,500	$13,500
U8457	IH 715 Combine G, Hydro, 810 13' Hdr	$11,500	$ 8,800
U8654	MF 750 Combine, 23.1x3010P, AC, Hydro, 15' Header	$21,500	$16,900
U8742	MF 510D Combine, 23.1x26 8P,8 Rear Wts., AC, #44 W Cornhd, 13' Header	$18,500	$16,900
U8771	IH 1460 Combine, 67x34x3010 PDJ, GL, MON, RAC	$45,000	$45,600
U9037	IH 715D Combine Diesel, Hydro, 18.4x26, 10	$12,000	$10,800
U9284	IH 1460 Combine	$42,000	$39,800
U9292	IH 1460 Combine	$45,000	$39,800
U9536	IH 615G Combine, 733 CH, 13' H	$ 4,900	$ 3,200
U9559	IH 1460 Combine, 24.5x32, 10, Monitor	$35,000	$34,000
U9581	JD 4400 Combine, Straw Chop, 343 Cornhd., 213 Header	$28,900	$27,800
U9596	IH 815 Combine, Hydro, A/C, 23.1x26	$14,000	$13,200
U9618	NH 975 Combine, 4R, Wide CH, 11' Header	$ 3,800	$ 3,800
U9416	IH 915 Combine, Mudhog, 4WD, 67x34, 10 P, Rebilt	$ 4,900	$ 4,500

MISCELLANEOUS

Stock-No.	Description	PRICE WAS	SALE PRICE
W8903	Daub 96" Mat Bucket	$ 400	$ 350
U9445	Woods 120 Mower	$ 1,100	$ 700
U9468	Woods L306 Mower 140 MTG	$ 650	$ 495
T9077	Brillion 10' Packer, Clod Bustr	$ 675	$ 625
T9521	Shappard 9' Packer, 9'	$ 375	$ 350
X9444	Hahn LTD 500 Rider, 30" Mower	$ 350	$ 295
T9300	IH 300 Rotary Hoe	$ 3,800	$ 3,000
U9501	IH 720/830 Row Crop, 2 Row	$ 1,900	$ 1,700
U9290	IH 720/830 Row Crop, U R Row	$ 2,200	$ 2,000
U8641	MC 180SB Shredder, 1000 PTO	$ 3,000	$ 2,800
V8662	IH Sidedressr, 6 Row, 3 pt., Kasco Horz	$ 2,500	$ 2,200
V9073	FMC R10P200 Sprayer, Hose, Reel	$ 900	$ 700
V9143	Meyers 300 Gal., Sprayer, 300 Gal Boom	$ 975	$ 850
V9274	FMC D035P300 Sprayer, Trl, Gun Consignment	$ 3,900	$ 3,500
V9495	FMC 1229 Sprayer, SS Tank	$ 2,600	$ 2,400
U9424	Grimm C Tedder, 7' PTO	$ 800	$ 675
U9449	Grimm C Tedder, 7' PTO	$ 800	$ 725
V9197	John Blue Trl Sprayer, 200 Gal Tnk, Grd Dr Pump Boom	$ 1,800	$ 1,500

USED TILLAGE

Stock-No.	Description	PRICE WAS	SALE PRICE
T9513	IH 55 Chisel Plow, 11 Shk	$ 1,350	$ 1,250
T9298	Noble 6R Folding Cultivator, 6 Row Fldg	$ 2,900	$ 2,500
T9381	IH 144 Cultivator, Rear Sect.	$ 575	$ 525
T9448	IH 2R Cultivator, 2 Row, FH	$ 395	$ 325
T8034	Deere 110 Disc, 10' w/Duals, 9" Spacing, 18" F, 19.5" R	$ 2,500	$ 1,750
T8166	Deere 8W Disc, 8.5" Spacng, 15.5" F, 18" R	$ 1,150	$ 925
T9498	White 252 10'6" Disc, 7.5" Space, Cyl. & Hose, 19" FT, 18" RR	$ 1,800	$ 1,500
T9020	Krause 2416 Disk	$13,900	$12,900
T9023	JD 215TO Disk, NS, Blds Frt	$ 4,100	$ 3,500
T9074	JD 210 Disk, 12' Rear H	$ 2,500	$ 2,150
T9109	Bush Hog 10' Disk	$ 2,150	$ 1,675
T9134	IH 760 Disk, 14' Offset	$ 3,200	$ 2,800
T9138	IH 37 Disk, Rear Hitch	$ 975	$ 700
T9241	Krause 2413 Disk	$11,900	$ 8,900
T9262	Krause 1578 Disk, Spike Harr	$ 4,900	$ 4,500
T9318	JD 310 Disk, 12'	$ 3,800	$ 3,500
T9408	IH 37 Disk, 9'	$ 795	$ 695
T9457	IH 370 Disk, 10'	$ 1,100	$ 975
T9499	Krause 1927 Disk, Mulchers	$ 7,900	$ 7,500
T9518	Krause 1578 Disk	$ 4,900	$ 4,700
T9519	IH 350 Disk, 10'	$ 1,800	$ 1,500
T9575	Krause 3209 Disk		
T9587	Miller Disk, 10' Offset	$ 3,800	$ 3,200
T7892	IH 710 Plow, 6F, 18" Auto Semi-Mount	$ 3,800	$ 2,800
T8570	IH Super-C Plow, 2F, Mounted	$ 175	$ 100
T9447	IH 2F Plow, 2F-14" FH	$ 275	$ 150
T8187	Tebbins 13 Shank Subsoiler Trailing w/Wings	$ 2,950	$ 2,500
T8857	IH 14 Subsoiler, Auto Reset	$ 6,500	$ 5,500
T9595	Dunham Ultra Mulch, 25'	$ 5,900	$ 5,500
T9120	IH 4500 Vibra-Shk, 20'	$ 2,700	$ 2,200
T9520	IH 45 Vibra Shank, Drag, R. Hit	$ 1,700	$ 1,600

USED PLANTERS & DRILLS

Stock-No.	Description	PRICE WAS	SALE PRICE
V8682	IH 5100 2 Drill Htch for 5100	$ 2,300	$ 2,300
V9191	IH 510 Drill, 21x7 Press Wheels	$ 3,875	$ 3,200
V9302	IH 620 Drill, 24x7 DD PN	$ 6,000	$ 4,500
V9303	IH 620 Drill, 24x7 DD PN	$ 6,000	$ 4,500
V9418	IH 620 Drill, 20x7, Grass Seed	$ 4,975	$ 4,600
V9507	IH 5100 Drill, 21x7 PN DD	$ 4,500	$ 3,800
V9534	McCormick Drill 13x7	$ 800	$ 600
V9569	IH 10 Drill, 13x7 Grass	$ 900	$ 875
U9627	Brady 630 Flail Chopr, 15' Augr	$ 3,800	$ 2,800
V8881	IH 510 Grain Drill, 21x7, Single Disk, Fertilizer	$ 3,000	$ 2,800
V7666	IH 400 6RN Planter, No-Til Mrks, Dry Fert , Ins Monitr	$ 3,500	$ 2,500
V8298	JD 7000 4RW Planter, Plate Liqd	$ 5,900	$ 4,000
V9299	IH 386 Planter, Toolbar, 6R, 386 Units	$ 2,800	$ 2,200
V9376	AC 600 Planter, 6R-28" Notl, Dry Fert., Monitor, Gandy App	$ 4,700	$ 4,200
V9430	IH 400 Planter, 6 Row	$ 2,600	$ 2,200
V9548	IH 400 Planter, 4R-30" Notl, Dry Fert., Gandy Chem	$ 3,000	$ 2,700

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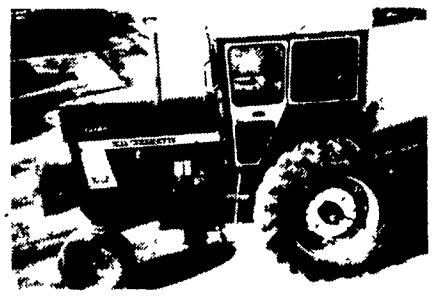
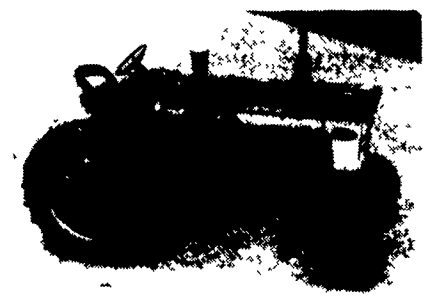
TRACTORS

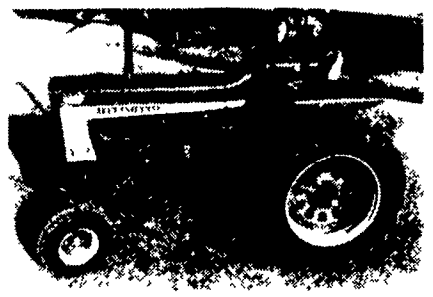
W9625 IH Farmall H, Excellent Paint and Mechanical Condition
PRICE... $1,300



W9022 F1066D Tractor, Yr-A-Round Cab w/A.C., 3998 Hrs., Dual PTO
PRICE... $13,500



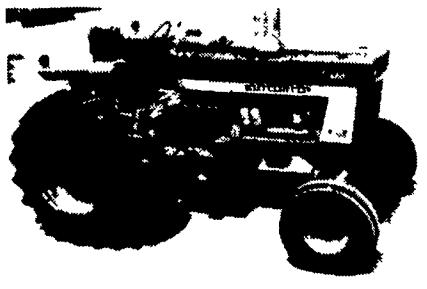
W9623 IH F560D, Wide Front, Fast Hitch



W9646 - IH, F856D Tractor, 18.4x38 8P, Dual PTO, 3 Point Hitch

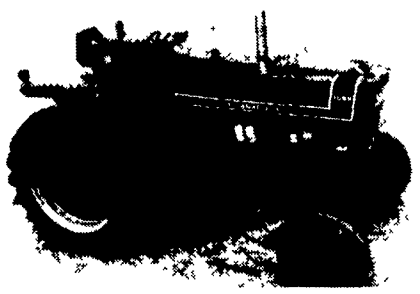
W9622 IH F766D, Wide Front, 3 Point, 18.4x34, 3618 Hrs.

W9610 JD 8630 4WD, 20.8x38, PTO, Blade, 3 Pt. Hitch



W9236 - IH F1466D, 24.5x32 Tires, Dual PTO, Aux. Fuel Tank
PRICE... $14,800

W9633, IH, F1026D Hydro, 18.4x38 Tires, Dual PTO, Clean Hydro Tractor



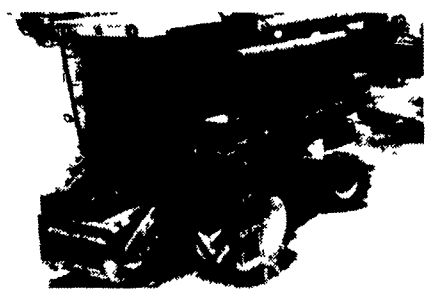
W9599 IH F1066D, 1976-Black Stripe, 3351 Hrs., 20.8x38 Tires, One Owner, Sharp
PRICE... $14,975

W8729 IH F1086D, 20.8x38 Tires, 3100 Hrs., ROPS Cab, Reconditioned
PRICE... $17,300

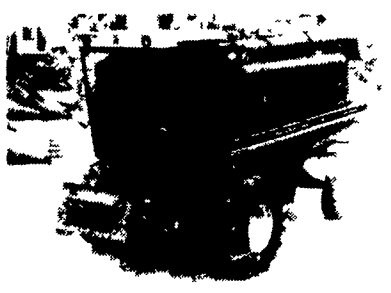
COMBINES

U9037 IH 715D Hydro, 18.4x26 Tires

U8742 MF 510 Gear, A/C, 44 Cornhead & 13' Platform

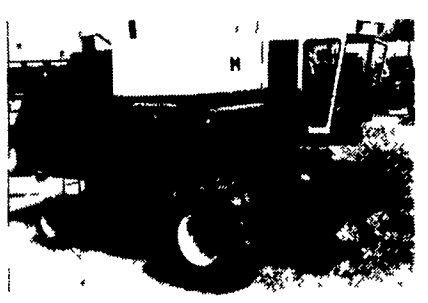


U8771 IH 1460 Hydro, A/C, Monitor 67.00x34.00x30 Tires, Grain Loss Monitor, 1981 Hrs.

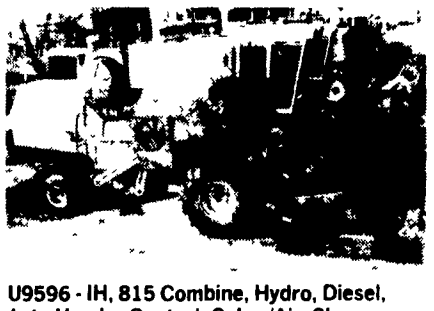


U9292 IH 1460 Hydro, A/C, Monitor, 28Lx26 tires, 2459 Hrs.

U8010 MF 510 Combine, Diesel w/ 1143 Cornhead



U7961 IH 915D, 28Lx26, 12.4x16 Tires, A/C, Monitor, AHC, 1475 Hrs.



U9596 - IH, 815 Combine, Hydro, Diesel, Auto Header Control, Cab w/Air, Sharp 815 Priced To Sell Now

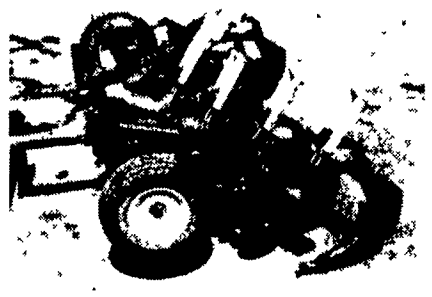
U8654 MF 750D, 23.1x30 Tires, Hydro, A/C, 15' Flex Platform

TILLAGE

T9513 IH 55 Chisel, 11' Mounted, New Points

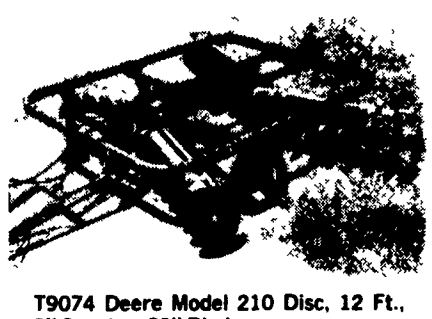
U7818 IH 715D Hydro, A/C, Monitor, 18.4x26 Tires

T9023 Deere 215 Disc, 12'5", 9" Spacing, 22" Discs



T8857 IH #14 Subsoiler, 7 Shank Automatic w/Coulters
PRICE... $5,000

T9587 Miller 10' Offset Disc Harrow



T9074 Deere Model 210 Disc, 12 Ft., 9" Spacing, 20" Blades

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JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
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JD 3800 Chopper w/2R corn head
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JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
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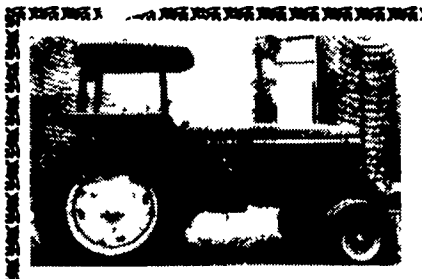
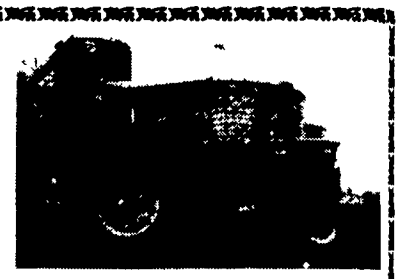

JD 4030 - QR - Dual Hyd. 1875 Hrs., Sharp
$9,800.00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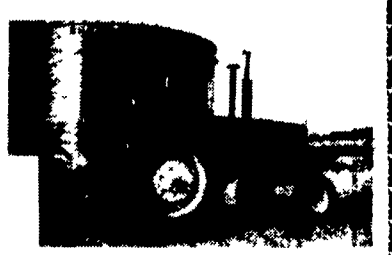
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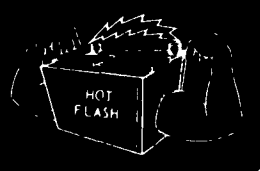

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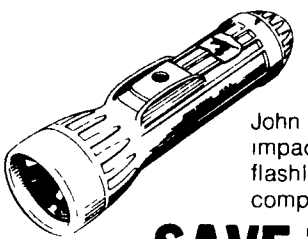

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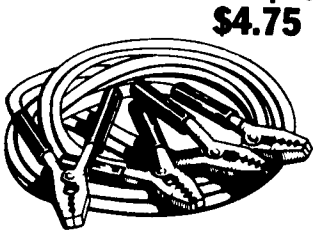

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JD 244 CORN HEAD w/Adapt Plate (Harv.)	$ 1,750	$ 1,250

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JD 1530 Dsl (sn 112308)	$ 7,500	$ 7,095
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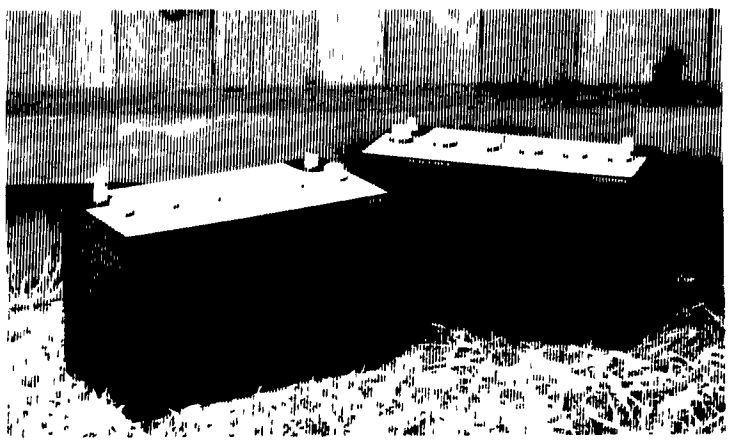
◆BEST IN THE FIELD◆

PARTS
R•O•U•N•D•U•P

Buy one battery at regular price



Get a second battery at ½ price

See us today.
Offer ends December 31.

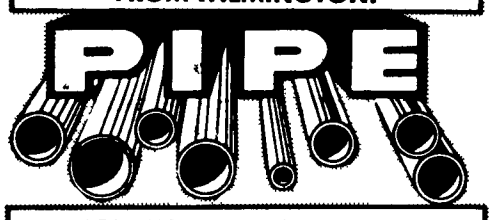
ZIMMERMAN'S FARM SERVICE

Bethel, Pa. 717-933-4114

BEST IN THE FIELD™
case®

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW, USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

MF Massey Ferguson

TRACTORS & EQUIPMENT

R600 Mack Truck Tractor
MF 30B Tractor w/Loader & Cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl Tractor
MF 50C Tractor w/Loader & Cab
Ford NAA Tractor
MF 760 Combine w/At tchs
IH 440 Baler
NH 320 Baler w/Thrower
NH 310 Baler
NH 273 Baler w/Thrower
NH 518 Manure Spreader
NH 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 240 Tractor
MF 1030 Tractor 4 WD
MF 1010 Tractor w/218 Mower
MF 20 Turf Tractor
MF 236 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt Rotary Cutter
MF 222 Scraper Blades

S.G. LEWIS & SON, INC.
352 N. Jennersville Rd.
West Grove, PA
215-869-2214

FALL SPECIALS

JD 4240 w/SGB, PS trans., 1300 hrs.
MF 2675 w/Cab & 24 Spd. Trans
Both Tractors In Excellent Condition!
Come Take A Look!

NEW TRACTORS

JD 650 4WD
JD 2350
JD 2750
JD 2950 SGB
JD 2950 MFWD & Cab

NEW EQUIPMENT

JD 115 Disc 10 ft.
JD 215 Dura-Cushion 11 ft. 5 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 716A Forage Box
JD 506 Rotary Cutter

USED EQUIPMENT

JD 336 Baler
IH 243 Picker Sheller
NI Forage Blower
JD 640 Rake w/Front Wheel
JD F130 4-14" Bottom Plow
JD "B" Tractor
JD 24T Baler w/No. 2 Ejector
JD 1209 Mower Cond.
NH 495 12' Haybine
(2) NH 479 Haybine
Owatonna SP Mower Conditioner
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD 216 Forage Box w/1065 Wagon
JD 480 Mower-Conditioner
JD 65 Rear Blade, 7 ft. like new

Grimm Hay Tedders On Stock Parts Available

50" Bale Bags On Stock

Miller-Lake, Inc.
R.D. #2 Box 273A
Belleville, PA 17004
Ph. (717) 935-2335

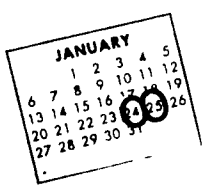
JOHN DEERE

We're Delivering Our Sincere Thanks To You And Yours

The Christmas season is more than just a holiday. It is a time to renew our dedication to "peace on earth, goodwill towards men." All the folks at L.H. Brubaker Inc. sincerely trust that at this season of the year you will join with us in renewing our devotion to the true Christmas theme. May your holiday be a joyous one and may your New Year be a prosperous one.

Only One Week Left To Take Advantage Of Year End Tax Investment Credits!

Coming... ANNUAL OPEN HOUSE Thursday & Friday Jan. 24 & 25, 1985



Mark Your Calendar!

YEAR-END CLEARANCE ON A LARGE SELECTION OF GOOD, USED EQUIPMENT

Here's a Partial List

- Gleaner L2KS w/Grain Head & 6 Row N. Corn Head
- AC 190XT Tractor, Completely Recond. & Repainted
- AC 7040 Tractor
- NH 273 Balers w/Engines
- NH 310 Balers w/Engines
- NH L775 Skid Loader, Diesel

SPECIAL YEAR END DEALS ON NEW EQUIPMENT!

HAPPY HOLIDAYS FROM ALL OF US!

L.H. BRUBAKER, INC.

NEW HOLLAND

350 Strasburg Pike Lancaster, PA
(717) 397-5179

M.M. WEAVER & SON, INC.

48th ANNIVERSARY SALES DAYS

December 26, 1984 thru January 4, 1985

OPEN HOUSE on Wednesday, January 2, 1984

During Massey-Ferguson's December Off-Season Sale

Start saving with BIG factory discounts...

There s never been a better time to buy a new MF tractor Thanks to big factory discounts direct to us from Massey-Ferguson, we're offering you the best deals of the year on all new MF tractors Check out our prices on the model you want, from compact all the way up to our biggest model

And keep saving with our flexible financing plans!

Along with big factory discounts, you ll save even more with Massey's special financing So make your best deal now on a new MF tractor (34 PTO hp and higher) and take your choice of

9.9% APR MF Financing
or
Waiver of Finance Charges 'til June 1, 1985

Down payment and qualified credit required

See The NEW MF 699, 85 PTO H.P. On Display

Last Chance for '84 Tax Savings!

Hurry! These Offers Expire December 29, 1984

USED TRACTORS

- MF 4880 4 Wheel Drive, 275 HP $55,000
- MF 2640 Diesel, 90 HP, 285 Hours $21,300
- MF 298 Diesel, 80 HP, Like New $16,000
- MF 670 Diesel, 55 HP, 360 Hours $17,900
- JD 2040 Diesel, 40 HP, 240 Hours $10,500
- MF 135 Diesel, 38 HP, 6150 Hours $4,500
- MH Pony Cultivator & Plow $2,000
- Farmall "M" $1,800
- Oliver 770 Gas $1,700
- New Idea Uni Tractor w/Combine & Corn Head . $4,000

USED COMBINES

NOTICE

Our prices on the following combines include warranty, delivery, low rate financing or waiver, and a fair price considering trade-ins. We will adjust these prices DOWN if you want to buy without all these benefits.

SPECIAL MONEY-SAVING FINANCING

Buy Now & Finance w/MF At A Low 6.9% APR...Or Choose Waiver Of Finance Charges To Sept. 1, 1985 On Selected Used Combines-

- 1982 MF 540 . . . . . $24,500
- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver $45,000
- 1978 MF 760 Hydro $31,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive $36,000
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8. . . . . $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . $3,000
- 1975 MF 510 Diesel $17,000
- 1975 MF 760 Hydro V8. . . . $24,000
- 1974 MF 760 Hydro 6 Cyl. . . . $22,000
- 1973 MF 750 Gear Drive with Grain Saver $24,000
- 1973 MF 760 Hydro 6 Cyl. . . . $21,500
- 1972 MF 510 Diesel Gear Drive . . $9,500
- 1972 MF 510 Diesel Gear Drive $10,500
- 1972 MF 300 Gas $8,500
- 1972 MF 510 Diesel Gear Drive . $12,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel $10,500
- 1969 MF 510 Diesel $11,500
- 1968 MF 510 Diesel $8,000
- 1966 MF 510 Gas with Floating Cutter Bar $4,800
- 1974 MF 300 Gas $8,700
- 1964 AC CII Gleaner with Corn & Grain Head $4,500
- 1960 AC A Gleaner $1,500
- JD 45 with Corn Head. $1,500
- IH 303 with Grain & Corn Head . $1,500
- MH 82 with 10 ft. Grain Head $1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller $5,500
- NI 2 Row Corn Sheller for Farmall M Tractor
- 1976 MF 760 with Four Wheel Drive $29,000
- 1978 MF 510 Diesel $19,000
- New Idea 2 Row Corn Sheller for Farmall "M" $1,500
- 1982 MF 860 Hydro Diesel With MF 1163 Corn Head and 15 Ft. Flex Head $64,000

USED EQUIPMENT

- White 216 Plow $575
- Kewanee 18' Hydraulic Wing Disc $3,200
- Fox 900 1 Row Harvester, Like New $2,250
- NH 8 Forage Wagon $3,800
- NH 707 Harvester. $1,400
- JD 1 Row Corn Binder $600
- IH 710 Spring Trip 6-16 Plow . . $2,500
- NH 278 Wire Tie Baler
- Stanhay Seed Planter $800
- MF 345 416 Spring Trip Plow . . . $1,700
- MF 82 416 Spring Trip Plow $600
- MF 3 pt. Fork Lift $700
- MF 730 Offset 13' Disc $3,500
- Ontario 16 Grain & Fertilizer Drill . . $900
- Like New MF 520 Transport 10 Ft. Disc $2,900
- New MF 820 Transport Hyd. Fold 19 Ft. Disc $8,500
- Like New Dunham 12 Ft. Cultimulcher $4,850
- Like New MF 43 Grain Drill 22 Double Disc $3500
- A-C 5-16 Auto Reset Semi Mtd. Plow. $1,900
- MF 560 Round Baler $2,200
- Farmhand 5 Wheel Pull Type Rake $1,090
- MF 2-16 Two Way Plow $600

NEW EQIPMENT IN STOCK

- Century Sprayer
- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
- MF Auto Reset 3 pt. 3x16" Plow, **Special Price - $2,500**

NEW EQUIPMENT SPECIAL

MODEL 345 SPRING RESET 3 BOTTOM 16" PLOW with SPRING CUSHION COULTERS and COVER BOARDS

List Price $3,532.00

SPECIAL PRICE **$2500.00**

SERVICE SPECIAL

MF Certified Service

Farm Equipment Does Not Breakdown When You Are Not Using It...But That's The Best Time To Repair It!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER $500 DURING THE MONTH OF JANUARY 1985

SCHEDULE YOURS NOW!

MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1¹ miles Northeast of Leola on the No Groffdale Rd 1 mile on the right, opposite Groffdale Mennonite Church

48th ANNIVERSARY

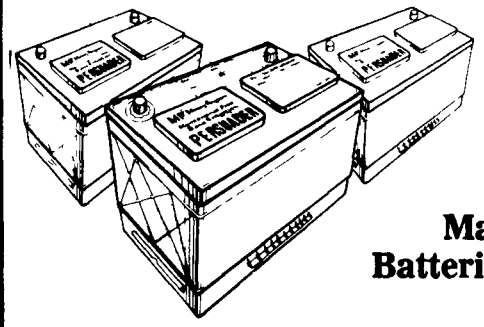
SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

DECEMBER 26, 1984 thru JANUARY 4, 1985

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 25 and Jan. 1
All Items Subject To Availability

WINTER SALE ITEMS

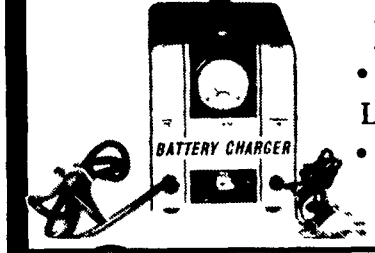


MF BATTERIES

Massey-Ferguson Batteries for all your needs

- Group 27, 284 - 795M1, Maintenance Free, 60 Month Guarantee. Pro-Rated, 595 Cold Crank AMPS
  List $80.40 — 25% SAVINGS = SALE $60.30
- Group 30H, 832 - 709M3, 36 Month Guarantee - Pro-Rated, 580 Cold Crank AMPS
  List $86.75 — 25% SAVINGS = SALE $65.05
- Group 24, 832 - 704M3, 48 Month Guarantee - Pro-Rated, 380 Cold Crank AMPS
  List $61.90 — 25% SAVINGS = SALE $46.40

ALL OTHER BATTERIES IN STOCK 20% OFF LIST



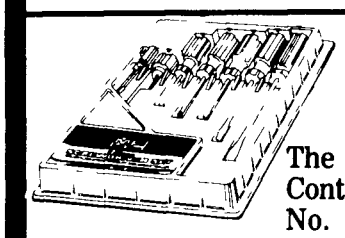
BATTERY CHARGERS

- 19-513A91, 20 Amp
  List $116.50 — SALE $87.05
- 19-512A91, 6 AMP
  List $53.90 — SALE $40.40

STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

- HOT SHOT, 11 Fl. Oz. ..... SALE .95¢ Ea.
- Case Lot $11.40 LESS 5% $10.83



SCREWDRIVER SET

SALE $8.25

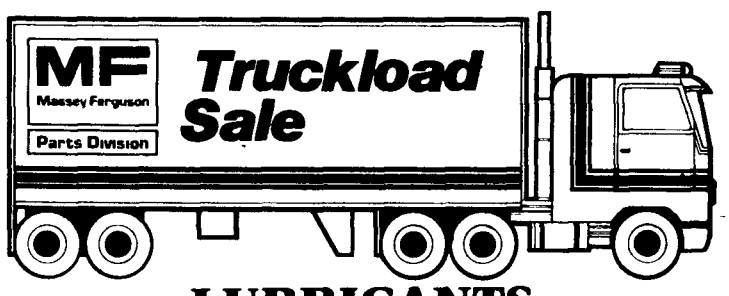
The 7 Piece Screwdriver Set. The Set Contains: 4", 6", and 8" Round Blade, No. 1 and No. Phillips, Stubby Screwdriver, Pocket Screwdriver Plus A Plastic Tray. The Blades Are Made From High Grade Chrome Vanadium Steel and Are Precision Cross Ground and Polished. Large Handles Are Made Of High Impact Plastic.

ALL PURPOSE JACK

(Same As Handyman)

19-988A91 7,000 Lb. Capacity

List $59.60 SALE $40.50



LUBRICANTS

Selling Hydraulic Fluid Right Off The Trailer!

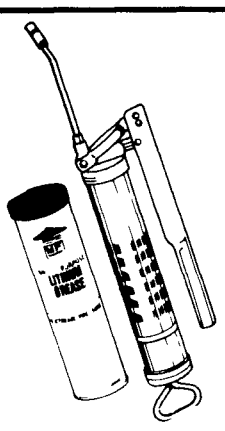
Offering The Lowest Prices....

UNIVERSAL HYDRAULIC FLUID
PERMATRAN III

Universal extreme pressure transmission & hydraulic fluid.

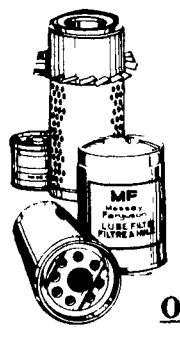
Stock One Oil For All Your Farm Equipment

	Reg./Gal.	SALE/GAL.
• 841-743M1, 2½ Gal.	$5.98	$4.75
• 841-744 M1, 55 Gal. Drum	$5.01	$3.96
• BRING YOUR CONTAINER (Bulk)	$5.50	$4.35



- 1902-683M92 Lever Action Grease Gun
  Reg. $9.15 ..... SALE $6.50
- 1904-778M91 Pistol Action Grease Gun
  Reg. $12.90 ..... SALE $9.75
- 1902-684M91 Grease Hose
  Reg. $3.01 ..... SALE $2.15
- 10 Pak Lithium Grease
  Reg. $8.90 ..... SALE $7.00
- 841-6181M1 Lithium Grease
  Reg. 89¢ ..... SALE .79¢ Ea.

PURCHASE A CASE OF 50 TUBES AND RECEIVE 1 LB. OF HAND CLEANER FREE!



MF FILTERS

Lube, Fuel, Air, Hydraulic

Don't fall for look-a-likes - use Massey-Ferguson filters for better & longer engine life.

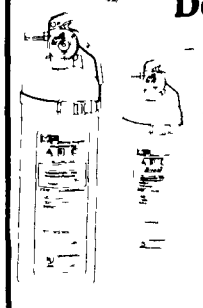
OIL FILTERS	Reg.	SALE
• 1447-031M1	$5.35	$4.25
• 1447-082M1	$5.35	$4.25
• 1447-048 M1	$5.35	$4.25
FUEL FILTERS - 30% OFF REGULAR PRICE		
• 1049-939M1, AGRI 1790	$4.00	$2.80
• CAV 296, MF3700	$4.00	$2.80

PARTS DEPT

BONUS SA
AN ADDITIONAL 2
If Processed ef
Please Mail Or Call I
Now For Prices
Sale D
ALSO For Any Ava
$1000 Or More, ou
Additional 10% DISC
Your Account. New Y
Throughout 1985 the

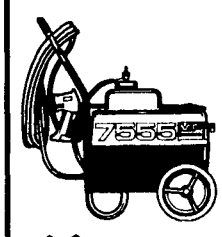
FIRE EXTIN

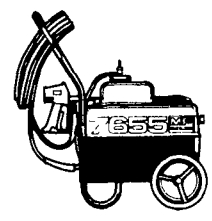
Don't be caught



- Install reliable M
  tinguishers yo
  pens, on tractor
  made of Heavy d
  corrosive parts, i
  with positive on-
  easy read

- 5 Lb. 20-005A91 .....
- 10 Lb. 20-006A91 .....
- 2½ lb. 20-004A91 .....



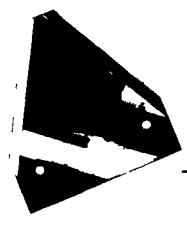


PRESSU

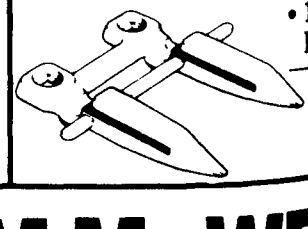
Purchase your Ma
and save time and
simple these each
connect a garden
in the electrical c
that's it!

- 7555 - 20 AS
- 7655 - 20 AS

CUTTER BA



- 146503M Chr
  Cutter Bar Se
  Reg. $1
- 228-392 Gu
  Reg. $7



- 1053-20 C
  Carter MF
  Section eg
- 10 74
  Ba eg

44
00
Rep

10% OFF ON ALL OTHER PARTS
Sold Over Counter From
DEC. 26 to JAN. 4, 1985
★ Cash And Carry ★

MF Massey Ferguson

M.M. WE

LEOLA, PENNA. 175
PHONE: 717-656-23

OPEN HOUSE

SPECIAL 1 DAY ONLY - WEDNESDAY, JANUARY 2, 1985

LUNCH WILL BE SERVED 11-2

Maintenance and Operation Seminars
10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

DEPT. SPECIALS

NU SAVINGS
NA 2% On $500 Or More
ed efore Sales Days.
r Al Large Parts Orders
Pr essing Prior To
Sa Days.
ny dvanced Deposits Of
re, ou Will Receive An
% DSCOUNT Credited To
. N w You Can Buy Parts
85 hen You Need Them.

XTINGUISHERS

e ca nt without protection!

reli e Massey-Ferguson Fire Ex-
her your home, the barn, animal
on tors and combines. They're
of H vy duty carbon steel with non-
ve ts, inside and out, and operate
osit on-off squeeze grip; feature
adi e erp ges.

	List	SALE
	$28.75	$24.45
	$50.15	$42.62
	$20.70	$17.60

Prevent A Fire

Buy A RESSURE WASHER

ase y Massey-Ferguson Pressure Washer
ve t nd money. Stop in today and see how
the achines are to operate. All you do is
t a g n hose to the pressure washer, plug
elect l cord, add cleaning chemicals and
t!

	List	SALE
-20 A92	$453	$340
-20 A92	$553	$415

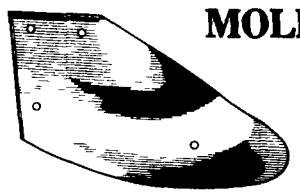
ER BAR PARTS

03M Chrome Heavy Duty Rigid
er Section
$1 SALE .68¢
392 Guard, Rigid
$7 SALE $5.07

-20 Chrome Heavy Duty Hart,
er MF Floating Cutter Bar
ion eg. $1.03 SALE .72¢
10 74M1 Guard Floating Cutter
Ba eg. $8.82 SALE $6.00

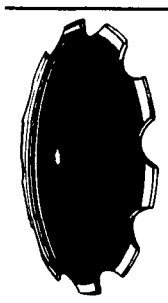
44-925M1 Double Guards,
000 Series Header
Reg. $9.15 SALE $6.22

TILLAGE PARTS SALE



MOLDBOARD PLOW PARTS
20% OFF
Regular Price
• Moldboards • Shares
• Shins • Landslides

There Is A Difference: 3 Layers Of Steel For:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING



Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center hole sizes available to fit non Massey-Ferguson machines

Number	Dia.	Ga.	Disc.	Shaft Sizes	List	SALE
• 1904-671M1	20"	6	Plain	1 1/8 Sq., 1¼ Sq.	$18.56	$15.78
• 1904-669M1	20"	7	Plain	1 1/8 Sq., 1¼ Sq.	$16.53	$14.05
• 1904-710M1	22"	6	Plain	1¼ Sq., 1½ Rd.	$22.82	$19.40
• 1904-712M1	22"	¼" .256	Plain	1¼ Sq., 1½ Rd.	$29.98	$25.48
• 1904-677M1	22"	6	Notched	1 1/8 Sq., 1¼ Sq.	$25.53	$21.70
• 1904-728M1	22"	6	Plain	1½ Sq., 1¾ Rd.	$22.82	$19.40

VIBRATING "S" TINE TEETH AND SWEEPS

- VS1 1½" Rev. Tooth ..... SALE $1.50
- VS2 2¾" Spoon ..... SALE $1.35
- VS4 4" Duck Foot ..... SALE $1.69

WEATHERED TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

DF4995R ..... 3x½x22 R.H. $6.50
DF5995L ..... 3x½x22L.H. $6.50

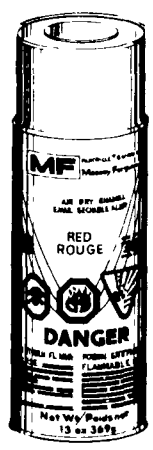
15% OFF
REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price
"BUY QUALITY"

QUAKER STATE MOTOR OIL

Massey Ferguson PAINT

Increase The Resale Value Of Your Machine With Massey Ferguson Paint!



DRAWBAR HITCH PARTS

HITCH PINS

	List	SALE
• 30-151E91 w/Linch Pin & Retainer Chain, ¾ Dia., 6¼ Length	$4.73	$3.75
• 30-152E91 w/Linch Pin & Retainer Chains, 7/8 Dia., 6¼ Length 4 PTO	$6.27	$4.95
• 30-281E1 w/Clip Pins, ¾x6¼ Length	$3.13	$2.50
• 30-282E1 w/Clip Pins, 7/8x6¼ Length	$4.20	$3.45

LINCH PINS
• 7/16 Dia ..... 20¢ Ea.
OR 6/$1.00

TOP LINKS

Category I
• 16" Center $14.95
• 20" Center $15.55

NEW FROM MASSEY FERGUSON POWERPART CHEMICALS

A Wide Variety Of Universal Products For Farm, Home, Industrial, Automotive, And Recreational Use.

Number	Description	List	SALE
1904-892M1	Aerosol Bearing Grease	4.30	$3.87
1904-876M1	Heavy Duty Spray Grease	2.50	2.25
1904-879M1	Belt Dressing	1.90	1.71
1904-864M1	Heavy Duty Wheel Brg. Grease	1.05	.95
1904-877M1	Penetrating Oil	1.80	1.62
1904-865M1	Gasket Sealant	2.30	1.99
1904-867M1	Gasket Remover	2.50	2.25
1904-888M1	Gasket Eliminator	7.50	6.75
1904-881M1	Heavy Duty Silicone	1.85	1.67
1904-870M1	Engine Degreaser	1.75	1.57
1904-880M1	Battery Cleaner & Protector	2.30	1.99
1904-878M1	Heavy Duty Glass Cleaner	1.60	1.44
1904-885M1	Nut Lock	7.50	6.75
1904-887M1	Pipe Sealant	5.00	4.50
1904-889M1	Silicone Rubber Sealer	3.15	2.85
1904-873M1	Radiator Sealer & Stop Leak	.75	.69
1904-874M1	Radiator Flush	.75	.69
1904-872M1	Radiator Anti Rust& Pump Lub	.75	.69
1904-882M1	Grit Hand Cleaner	2.05	1.85
1900-292M2	1 lb. Hand Cleaner	1.73	1.55
1900-293M2	4½ lb. Hand Cleaner	7.33	6.59

VER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

20% OFF
Regular Price

48th ANNIVERSARY

SALE

December 26th Thru January 4th
Closed Tues., Dec. 25th and Tues. Jan. 1st

COMBINE HEADQUARTERS

During Massey-Ferguson's December Off-Season Sale

Start saving with BIG factory discounts...

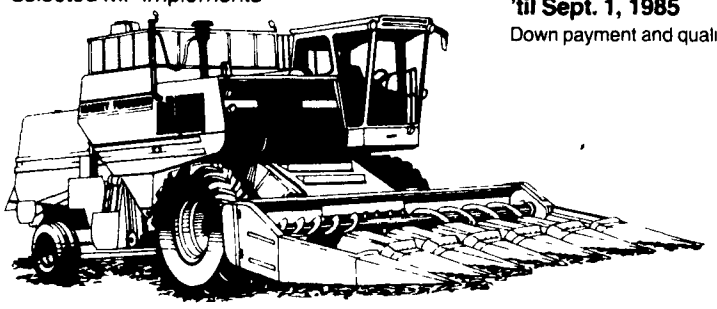
You asked for rock-bottom prices on new MF combines, and you got them Thanks to big factory discounts from Massey-Ferguson, we're offering you the best deals of the year on all new MF combines, including the popular 500 and 800 Series machines The same goes for our new Massey tractors *plus* selected MF implements

And keep saving with our flexible financing plans!

Along with big factory discounts, you'll save even more with special Massey financing plans So make your best deal now on a new MF combine and take your choice of

6.9% APR MF Financing
or
Waiver of Finance Charges 'til Sept. 1, 1985

Down payment and qualified credit required

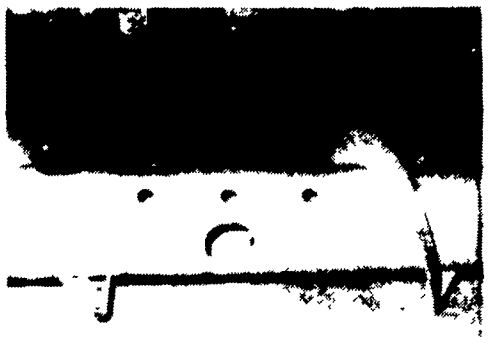


Hurry! These Offers Expire December 29, 1984.

SCHMIDT
"HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true! "They are jig repaired."

We Can Rebuild All Makes Of Augers

Call Now For Appointment And Price Quotation To Have Your Auger Repaired

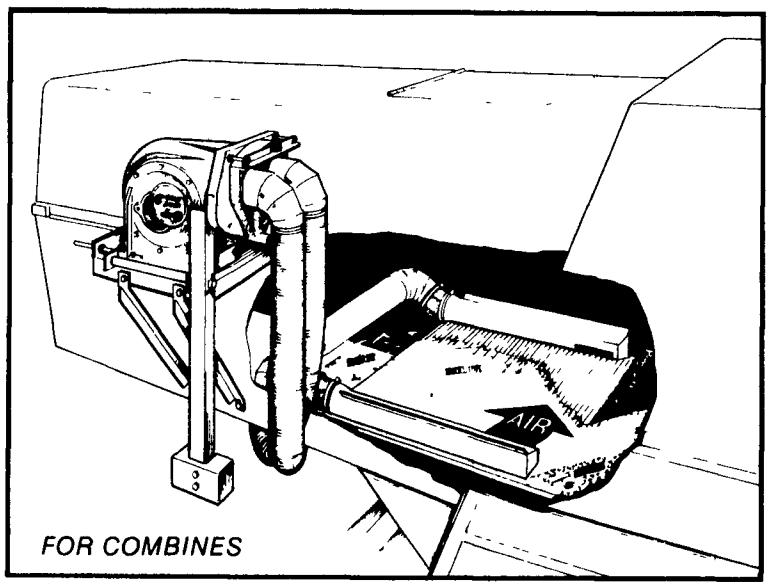
MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540
(717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NECO *GRAIN $AVER*



PREVENTS LOSS OF VALUABLE GRAIN OUT THE BACK OF THE COMBINE—"PUTS YOUR PROFIT IN THE TANK! NOT ON THE GROUND"

CONTROLLED JETS OF AIR BLOW AND SPREAD THE GRAIN EVENLY ACROSS THE COMBINE SIEVE IN SLOPING AND HILLY FIELDS

The NECO Grain $aver is a high speed Blower that automatically directs controlled jets of air to the downhill side of the sieve when the combine is operating on sloping and hilly terrain. These jets of air are controlled by a pendulum-operated valve which is mounted directly to the blower.

NECO

MUD HOG®

puts more power on the ground with All-Wheel Traction

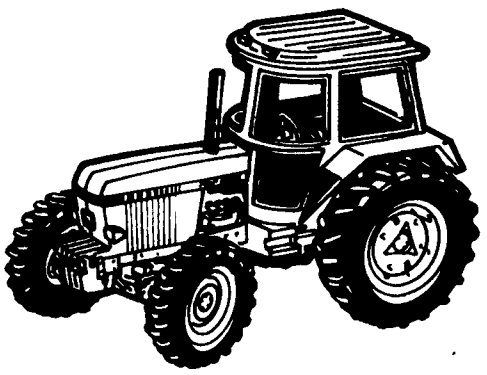
Mud Hog improves combine performance in any weather. With rear wheel assist features like Posi-Traction in forward and reverse - with larger hoses routed to reduce chaff build-up and hose wear - roading without disengaging planetary gears. Mud Hog... more for your money.

See Me.

TAX TIP

Purchase Your New Equipment Before January 1, 1985 And Take Advantage Of Big Savings

ERTL®
DIE-CAST FARM TOYS NOW IN STOCK!



* Huge Selection of Tractors and Implements on Hand.
* Pedal Tractors down to 1/64 Scale
* Reasonable Prices
* 10% Discount On $100.00 Order Of Toys.

KEY-AID DISTRIBUTORS
(Formerly Zimmerman's Animal Health Supply)
RD #4, Box 141, Lititz, PA 17543
Located 3 miles west of Ephrata, ¼ mile South of Rt. 322 along Wood Corner Road
717-738-4241
Same Day Shipment on U.P.S. orders!
(Call Before Noon)

SUPER SPECIAL OF THE WEEK
6080 Tractor 2 WD Demo Call for Super Price!

Model 6140, 6070, 6080, 8010, 8030

USED EQUIPMENT

XT-190D with cab
XT-190D without cab
Model 2300 10ft Disc Harrow
7060 PS with cab
Wilbeck 7'shank chisel plow
IH 1300, 7', 3pt. hitch mower, new condition
AC 4 bottom SC plow
Used E-3 330 corn head, excellent condition
AC LKSHY Combine w/630 Corn Head and 13 Ft. Grain Head
Oliver 83H 2 Row Corn Picker
Cagle 750 Gal. Sprayer

SPECIAL SAVINGS ON ARTS-WAY SILAMIX & MILL MIXERS

FALL CLEARANCE ON WOODS MOWERS

B. EQUIP. INC.
8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193

GET A TAX BREAK
PURCHASE THESE BADGER EX RENTAL SPECIALS BEFORE 12/31/84

Badger Rentals	List	Leased	Sale
5180 Gal. Tank	$20,500	14 mos.	$14,222
3330 Gal. Tank I	$10,795	9 mos.	$6,637
3300 Gal. Tank II	$11,195	3 Wks.	$9,839
3300 Gal. Tank III	$11,195	7 mos.	$7,425
3300 Gal. Injector Tank IV	$13,427	9 mos.	$9,254
3300 Gal. Tank VII	$11,195	8 mos.	$7,169
2300 Gal. Vac	$10,350	20 mos.	$6,736
1500 Gal. Vac	$8,120	12 mos.	$5,750
210 Bu. Reg. Manure Spreader	$5,620	3 people	$4,596
330 Bu. Manure Spreader	$9,000	2 mos.	$6,800
160 Bu. Manure Spreader	$3500	3 yrs.	$1,610
12 ft. Liquid Pump	$4,410	1½ Mos.	$3,381
12 ft. Liquid Pump	$4,410	4 mos.	$2,996
10 ft. Liquid Pump	$4,175	11 mos.	$2,278
10 ft. Liquid Pump	$4,175	17 mos.	$2,432
8 ft. Liquid Pump	$4,171	3 mos.	$2,896
8 ft. Liquid Pump	$4,171	2 mos.	$3,328
6 ft. Liquid Pump	$4,050	9 mos.	$2,782
Lagoon I	$5,795	7 mos.	$2,644
Lagoon #2	$6,080	3 mos.	$4,710
Lagoon #3	$6,080	3 mos.	$4,708
Super Mixer	$2,180	9 mos.	
Wagon I	$8,239	2 Seasons	$6,407
Wagon II	$8,550	2 Seasons	$6,560
Wagon III	$8,239	2 Seasons	$6,340
Wagon IV	$7,450	1 yr.	$5,160
Blower	$2,830	2 yrs.	$1,900
Blower SOLD	$3,050	2 mos.	$2,375
Ear Corn Mill	$10,000	2 mos.	$8,735
Ear Corn Mill	$10,000	2 mos.	$8,130
Weaverline Cart			$1,400
Reconditioned w/New Batteries			
MF Drill	$5,200	3 yrs.	$2,325
WIC Bedding Chopper (Used)			$1,050
High Pressure washer	$375		$215

Wishing You The Very Best During The Holiday Season and Throughout the New Year

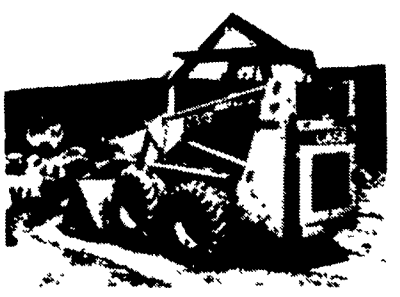
SHOW-EASE STALL CO.
573 Willow Rd., Lancaster, Pa.
Phone 717/299-2536

---

case Skid steer Uni-Loaders.

Uni-Loader® is ideal for stock raisers and for all-around choring. Two hand levers control everything-power, speed, direction, loader and bucket functions. 360° turn ability gets you in and out of tight spots. Hydrostatic 4-WD provides smooth infinitely variable speed control.

3 Models Available!



DISCOUNT PROGRAM IN EFFECT Until Dec. 31st

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

NOTICE
NO INTEREST FOR 36 MONTHS ON NEW TRACTORS & COMBINES, PAY ON PRINCIPAL ONLY

AC N6 Combine w/1984 Updating Kit

USED COMBINES (LIKE NEW)

AC Models

G - M - C - N - L - F

These Combines are in Excellent Condition
IT WILL PAY YOU DIVIDENDS TO CALL US NOW!

NI 708 Uni-System, Hydro Drive w/717 Combine, Cornhead & Grainhead

TRACTORS

AC 7040D	AC 440	AC CA	JD 2010
AC 7045D	AC XT190D	AC 5040D	MF 65G
AC 7050D	AC 180D	AC 5050D	Case 1490
AC 7020D	AC 175D	IH 806	JD 450 Crawler
AC 7010D	AC D19D	IH 340	Case 450
AC 7000D	AC D14	IH 140	Oliver 1650D

USED FORAGE HARVESTORS: GEHL, I.H., N.H.

Take Advantage Year End Tax Investment Credit

Extra Special Discounts On Conventional And No-Till Corn Planters

bobcat

GRUMELLI FARM SERVICE
Quarryville, Pa. 717-786-7318

ALLIS CHALMERS

NOTICE... THE BUYER WHO THINKS AHEAD CAN $AVE BIG WITH OUR YEAR-END CASH & CARRY DISCOUNT SPECIALS NOW THRU DEC. 31, 1984

At Binkley & Hurst Bros., Inc.

TAKE ADVANTAGE OF YEAR-END TAX INVESTMENT CREDIT

GOOD NEWS!

Here Is The Place To Save $1000's Of Dollars On Parts And Machinery

GIFT HEADQUARTERS FOR CASE & IH FARM TOYS

15% OFF These Prices On Tractors

10% OFF These Prices On All Other Equipment

CALL NOW - WE SHIP U.P.S.

No 226 Minimum Tillage Plow Size 19 Lx11½"Wx2 7/8 H Weight 1 lb 8 oz

$11.70

No 221EO Gravity Feed Wagon Size 8 Lx5¾ Wx 5¾ H Weight 1 lb 11 oz

$9.10

No 220EO Mixer Mill Size 10 Lx6 W 7 H Weight 1 lb

$11.75

No 267DO Case 2594 Tractor features the newly designed cab top interior ladder and paint scheme Real rubber tires in rear Size 11 Lx6 W x7¾ H Weight 4 lbs

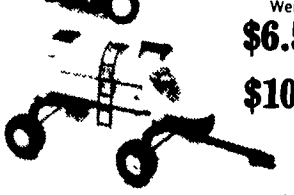
$25.00

No 219 Barge Wagon Size 12 Lx4¾ Wx3¾ H Weight 1 lb 7 oz

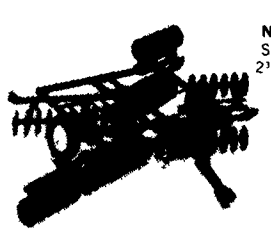
$6.25

No 1216 Four Bottom Plow Size 13 Lx5 Wx3' H Weight 14 oz

$6.55



$10.54

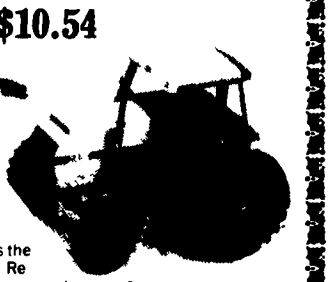


No 1217 Tandem Disc Size 10¼ Lx13¼ Wx 2¾ H Weight 1 lb 2 oz

$8.80

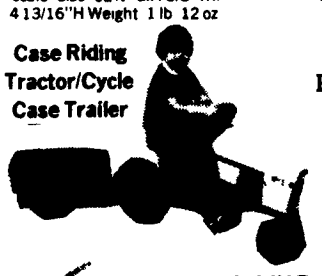
No 217DO Case Steel Pickup features opening sun roof! Swing open tailgate running boards and chrome highlights throughout add to the look of this new number 1/16th scale Size 12½"Lx4 3/8"Wx 4 13/16"H Weight 1 lb 12 oz

$10.50



No 266DO Case Front Wheel Drive Assist Tractor is designed with same new contour and color scheme as the Case 2594 Tractor Re modeled cab top interior and ladder Real rubber tires in rear Size 11 'Lx7' Wx8 'H Weight 5 lbs 3 oz

$25.00



Case Riding Tractor/Cycle Case Trailer

PEDAL TRACTOR **$98.45**

TRAILER **$22.95**

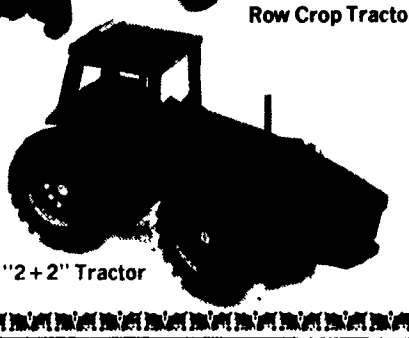
This Is Only A Partial List Of Toys Available

468 IH Two-Wheel Drive Tractor

415EO IH 3088 Row Crop Tractor

463DO IH 1586 Dual Wheel Tractor With Cab

413 IH Axial-Flow Combine



464 IH "2+2" Tractor

PRICE REDUCED $2,000.00

IN STOCK: HEAVIEST 500 BUSHEL MANURE SPREADER EVER BUILT

NEW KNIGHT FEATURES YOU WILL LIKE:

1. Double Gratz Web Chain
2. Lower Beater To Break Up Chunks
3. Hydraulic Cylinders On Each Side Of End Gate
4. Tandem Axles With 16.5x22 Tires
5. Special Chopper Bearing Steel Alloy To Inhibit Corrosion
6. Heavy Duty Frame Extending All The Way To Rear Axle
7. Worm Driven Web
8. Heavy Duty Beaters With Some Of The Heaviest Bearings You Have Ever Seen On A Manure Spreader

Reg. ~~$15,960~~

SALE **$12,960**

DON'T MISS THIS ONE... $10,960.00!

CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR DISCOUNT SAVINGS PROGRAM

- ☐ Anti-Freeze
- ☐ Oil, fuel, hydraulic filters for Case and other model tractors
- ☐ Paint in gals., quarts, and spray cans.
- ☐ Seat covers.
- ☐ Grease cartridges.
- ☐ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them.
- ☐ Case crawler undercarriage parts, etc.
- ☐ Ether
- ☐ Gasket sealer.
- ☐ Hoses, belts, thermostats.
- ☐ Hitch pins & clevis.
- ☐ Curved chisel plow shovels
- ☐ Moldboard plow parts.
- ☐ Glencoe soil saver points & shovels.
- ☐ Disk harrow blades.
- ☐ Hydraulic cylinders.
- ☐ Head and work lights.
- ☐ Engine block heaters for tractor.
- ☐ SMV emblems.
- ☐ Water pumps, tune-up parts
- ☐ Loctite products.
- ☐ Gehl blower pipe clamps
- ☐ And many more!

15% CASH DISCOUNT

On All

CASE - GEHL - RHINO - GLENCOE SPEED KING - KUHN PARTS IN STOCK

Unless Otherwise Stated

If Not In Stock We Will Order Under Our Bi-Weekly Program And You Will Still Receive Discount For Orders Paid When Ordering.

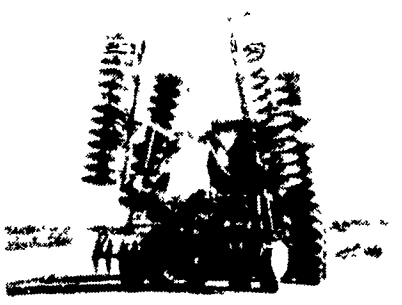
ARE YOU READY FOR THIS...

25% OFF Our Reg. Low Price

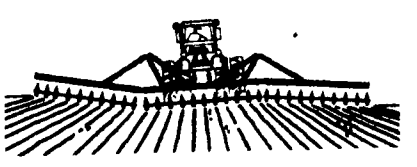
RHINO B90 TANDEM DISK

ROCK CUSHION BEARING HANGER

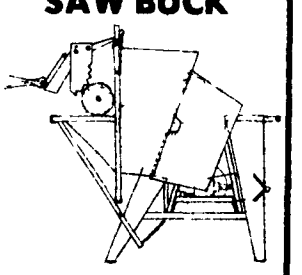
2 Year Warranty



	List	Reg.	THIS IS YOUR 25% OFF PRICE
• 16'5" Cutting Width w/9" Spacing Front & Rear	$13,126	$7,876	$5,907
• 24'9" Cutting Width w/9" Spacing Front, 7½" Rear	$14,987	$11,990	$8,992

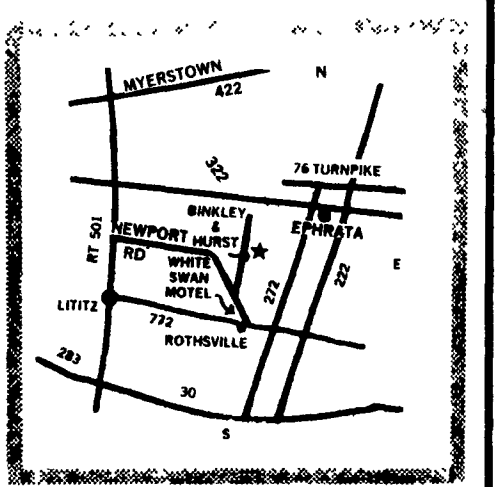


SPECIAL NEW 3 PT. HOOKUP SAW BUCK

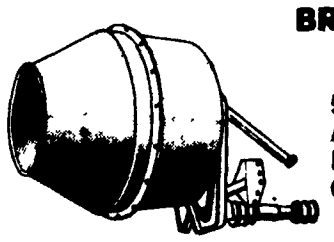


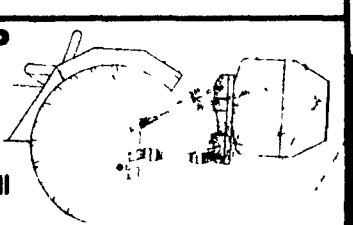
Most Models Are Priced Over $800

OUR PRICE ONLY **$450**



BRAND NEW 3 PT. HOOKUP CEMENT MIXER





540 PTO Drive, Mix Capacity Approx. 84.5 Gallons

Most Competitive Models Priced Well Over $800

OUR DISCOUNTED SALE PRICE ONLY $485.00

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Located ½ Mile North of Rothsville

PH: 717-626-4705

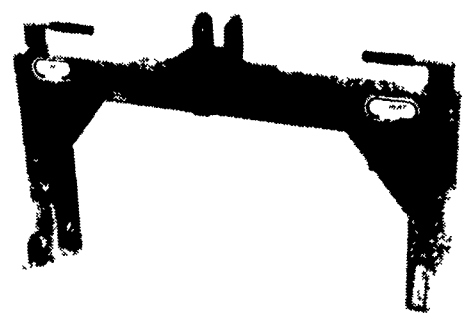
Hours: Mon -Fri. 7 A.M. - 5 P.M.,

Sat 7 A M - 11 30 A M. Sun Closed - Lord's Day

Pocket The $avings At Our Year-End Cash & Carry Discount Days

NOW THRU DECEMBER 31, 1984

QUICK HITCHES

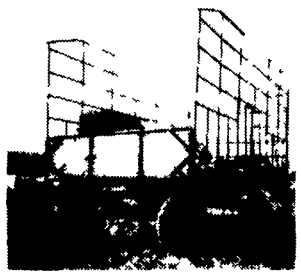


CATEGORY 2 QUICK HITCH
Model BXOH20 - 147#
TWO AVAILABLE

Regular Price... ~~$312.00~~
DISCOUNT PRICE $295.00

The SOUTHEAST line of quick hitches feature high strength "square" steel tubing for greater torsional rigidity. The hooks are solid one piece flame cut parts for longer life and greater strength. The hitches are fabricated with extra large gusset plates for added overall toughness.

TAKE 10% OFF PRICE SHOWN & BUY NOW!



LIKE NEW STEEL BALE WAGONS

(2) Danco Steel, 8'x16' Long, Bale Rack on 8 Ton McCurdy Wagon w/new 9.5Lx15 8 Ply Tires w/ Quick Hitch. Ready To Go!

EACH ~~$2,090~~

LESS 10% = ONLY ~~$1,881~~ EACH

NOW ONLY $1,781 EACH

Are You Ready For This...

TAKE 20% OFF On Two New Specials

IF IT'S QUALITY YOU WANT, THEN IT'S GEHL YOU NEED!

In Stock...The Early Bird Gets The Worm

1000 forage harvester | 750 forage harvester

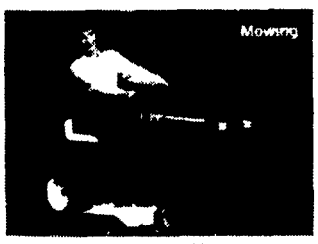
BRAND NEW SPECIAL — CASH PRICE SPECIALS

- CB 750 Gehl Harvester, 1000 PTO w/Hydraulic Spout Control, Hydraulic Lift Cylinder, With Your Choice Of A 2 Row Narrow Or A 2 Row Wide Corn Head, Or A New HA1200 7 Ft. Hay Pickup While They Last! One Only, Serial #4468 ..... **$11,340**
- CB1000 Forage Harvester w/Tandem Axle For Smoooth Fast Choping, Electric Transmission & Spout Controls, Hyd. Header Lift Cylinders w/Your Choice Of A 2 Row Narrow Or A 2 Row Wide Corn Head, OR A New HA 1200 7 Ft. Hay Pickup While They Last! One Only, Serial #1575 ..... **$13,860**

REMEMBER: TAKE 20% OFF THESE PRICES FOR YOUR BIG CASH DISCOUNT

Buy Now And Save Big!

NEW CASE MODEL 110



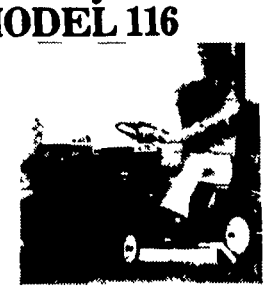
34" Wide Deck w/10 HP

Reg. Price $2,289.00

YOUR PRICE ONLY ..... ~~$1,580.00~~ **$1,480.00**

New 1984 Style CASE MODEL 116

16 HP Tractor, Hydrostatic Drive w/44" Cut Mower Deck Tractor Serial #14047822 Reg. $2,893.00



REG. DISCOUNTED PRICE. ~~$1,860.00~~
SPECIAL DISCOUNT $1,780.00

TRACTOR PULLED JACKSON NO. 12 LAWN ROLLER

24" Wide w/Tapered Edge To Eliminate Cutting

- When Liquid Filled Weighs 240 Lbs.

$35.00

LAST ONE AT OLD PRICE WITH $1,336 OFF IS A BARGAIN — DON'T MISS IT!

LOOK AT THIS BEFORE YOU BUY ANY COMPETITIVE WING DISK...

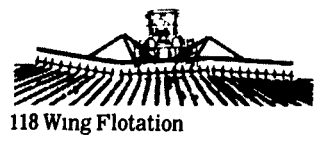
MODEL 118 DOUBLE OFFSET DISK

STOP BY AND TAKE A GOOD HARD LOOK AT THE NEW MODEL 118 RHINO DOUBLE OFFSET TYPE w/ THE FOLLOWING FEATURES

118 Spring Bearing Hangers

Guaranteed Quadraseal Bearings

118 Leveling System



118 Wing Flotation

THE HEAVYWEIGHT CHAMPIONS

New Demo Model 118

Serial #083104, 18'5" Cutting Width, Approx. 152.98 Lbs. Per Blade, All Cylinders And Hydraulics Complete, To Your Tractor, 9" Spacing 22" Dia. Blades, 6 Transport Tires

Factory Price $10,871.00
Regular Low Selling Price $9,325.00

LESS $1,336.00 = **$7,989.00**

REMEMBER, One Only, The Early Bird Gets The Worm

NEW! 3 PT. Fertilizer Spreader and Seed Caster

Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds, Salt and Sand

- Spreads up to 40 ft. swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

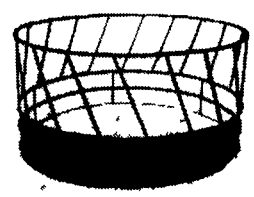
Choice of 3 Spread Patterns:
• Left • Full Rear • Right Spread

- 1M MODEL 1010 10 Bushel Size. $329.00
- 1M MODEL 610 6 Bushel Size $284.00

SPECIAL OFFER

ROUND BALE FEEDERS w/LOWER FEED SAVER PANEL

8" Dia. x 44" High w/15" Feed Saver Panel



Round Feeders are rugged constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% Utilization of feed can more than double your feed dollars.

SALE PRICE ONLY $98.50
w/Short 4" Extension Legs To Keep Unit Above Mud

SAVE $200 - LAST ONE IN STOCK!

GLENCOE FIELD CULTIVATOR

The Ideal Machine To Prepare For Fall Seeding

The New Redesigned Machine

IN STOCK — No Hydraulics In Prices

- 11'6" Width, Model P18-21 ..... ~~$1,922.00~~

only ....~~$1,722.00~~ $1,680.00

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A.M - 11:30 A.M. Sun. Closed - Lord's Day

Pocket The $avings At Our Year-End Cash & Carry Discount Days

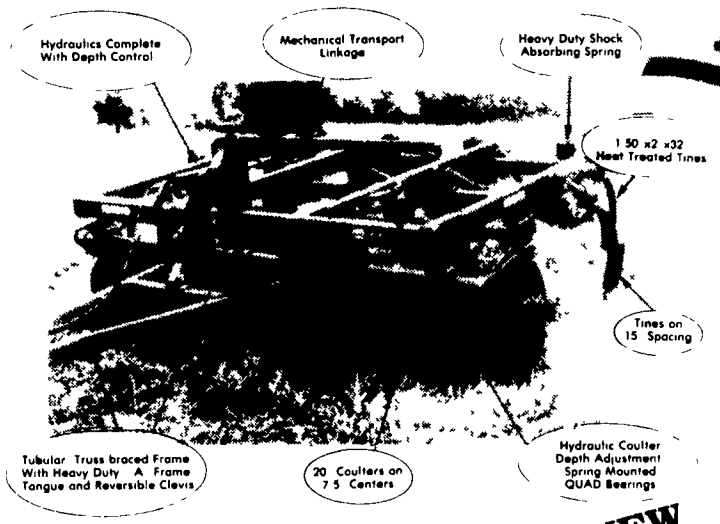
NOW THRU DECEMBER 31, 1984

RHINO 890

The Best COULTER CHISEL PLOW That Offers You More Weight At Less Cost

NOTICE: *POWER SAVING FEATURES*

- Features Hydraulic Raised and Lowered Coulter Gangs That Allow You To Raise Slicer Blades When Not In Trash That Saves Power, Fuel, Gives More Speed, Less Wear, Then When You Reach The Heavy Trash That Needs To Be Cut, You Lower Slicer Blades and Keep Right On Going!
- 1½" Thick x 32" Tines Give You Heavy Duty High Clearance!


Hydraulics Complete With Depth Control
Mechanical Transport Linkage
Heavy Duty Shock Absorbing Spring
1.50 x2 x32 Heat Treated Tines
Tines on 15 Spacing
Tubular Truss braced Frame With Heavy Duty A Frame Tongue and Reversible Clevis
20 Coulters on 7.5 Centers
Hydraulic Coulter Depth Adjustment Spring Mounted QUAD Bearings

Best Of All More Weight Less Cost

NOTICE: This Enables You To Lift Coulters Out When Not In Trash — SAVE POWER & WEAR

RHINO 890 Specifications

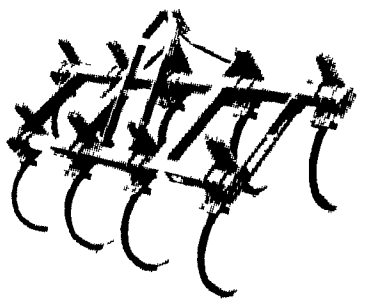
No of Shanks	5	7	9	11	13
Effective Width	6'3"	8 9"	11 3"	13'9"	16 3"
No of Coulters	11	15	19	23	27
DBHP	75	105	135	165	195
Requirements	100	140	180	220	260
No of Wheels	2	2	2	4	4

NEW

	List	SPECIAL SALE PRICE
5 Shank	$4,679	$3,955.00
7-Shank	$6,278	$5,685.00
9-Shank	$7,073	$5,860.00

CHISEL PLOWS YOU CAN AFFORD

RHINO by Athens IN STOCK



TAKE ADDITIONAL 5% OFF THESE LOW DISCOUNTED PRICES

5 Shank Athens 2 Bar 3 Pt. Chisel Plow with 32" Hi-Clearance Spring Shanks With Curved Shovels. For Your 50-70 H.P. Tractor. Our Regular Low Price $798.00

- 7 Shank 2 Bar Athens, 32" Spring Shank w/Curved Shovels Our Regular Low Price $1040.00
- 7 Shank 3 Bar Athens, Gauge Wheels Optional Our Regular Low Price $1175.00

Also Available - 10 Ft. CHISELS

200 RHINO

RHINO

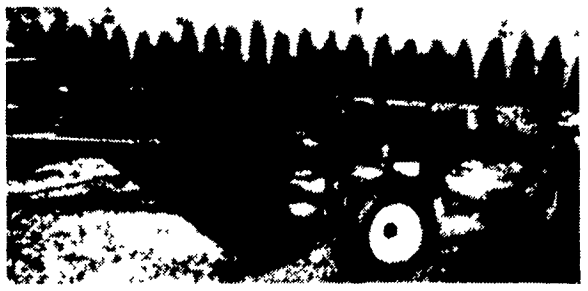
LOOK AT THIS! Heavy, Heavy Duty Rhino 200 Series 10'2" Cut DOUBLE OFFSET TRANSPORT DISK HARROW

- Rock Flex Bearing Hangers
- Weight - 5,821 Pounds
- 4 Transport Wheels

Reg. Price ~~$6,953~~

SPECIAL SALE PRICE $5,931

LIKE NEW IH MODEL 6010 CONSERTILL



COULTER CHISEL PLOW 9 Shanks, 10' Cut Pull Type Machine w/ Hydraulics

COMPLETE, READY TO GO ..... ONLY $3,490.00

NEW DEMO-RENTAL GLENCOE SOIL SAVER
7 Shank Stretch Frame
ONE ONLY List ~~$7,391.00~~
DEMO RENTAL PRICE $5,950

USED GLENCOE 7 SHANK SOIL SAVER
Very Good Condition
Reg. ~~$2,985~~ $2,885

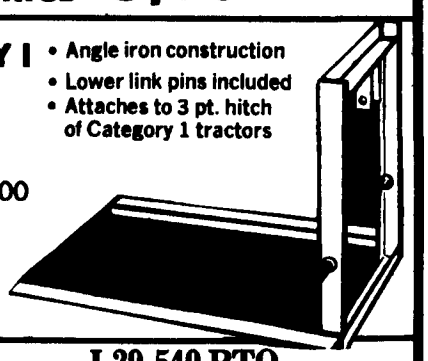
NEW RENTAL LANDOLL COULTER CHISEL SOIL MASTER
7 Shank
ONLY $4,590

We Are Ready, Willing And Able... And The Refreshments Are Waiting! COME ON IN

CATEGORY I 3 POINT LIFT

Reg. Price $45.00
DISCOUNT PROGRAM SPECIAL ONLY
$39.00

- Angle iron construction
- Lower link pins included
- Attaches to 3 pt. hitch of Category 1 tractors



TAKE 50% OFF ALL PRICES SHOWN BELOW

The Early Bird Gets The Bargain!

NEW 42" 7.7 CU. FT. BUCKET
No. 801747 For Gehl 360 Skid Loader
$326.00

Two Available: **NEW 64" WIDE AG-TECH MANURE FORKS**
For Gehl 4500 - 4400 - 4600 Skid Loader
$497.00 Each

STEEL KOEN WINDBREAK CAB
For MF 265 or Similar Tractor $90.00

GEHL HA 900, Series #5209, 6 Ft. HAY PICKUP For Parts $70.00

USED GRAIN-O-VATOR
100 Bushel Auger Grain Cart, PTO Drive $650.00

L29,540 PTO

Will fit on all 200 and 400 series tractors and provides a mechanical drive power source for operating grain augers, bale elevators, conveyors, generators, pumps, and other equipment driven by a standard 540 PTO spline shaft.
List...$370.00
ONE ONLY ..... ~~$159.00~~ $98.00

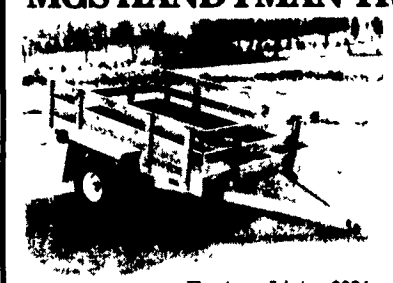
REMEMBER: DEDUCT 50% OFF ALL PRICES ABOVE TO SAVE $$$ NOW!

IDEAL FOR YOUR 3 WHEELER OR GARDEN TRACTOR

MGS Trailers

IN STOCK NOW! One Only, Demo

MGS HANDYMAN TRAILER, MODEL HM-72



51" Wide x 72" Long x 19" High
Carries 1185 Pounds

WITH THE FOLLOWING FINE FEATAURES:

- Tires 5 70x8B
- Full Length Steel Frame
- Stake Pockets
- Color Beige
- Frame Undercoating to Prevent Rust
- Safety Chains
- A-Frame Tongue
- 1 7/8" Ball Connector
- License Holder and Light
- Reflectors
- Mud Flaps

Factory List... $924

With Title Of Origin

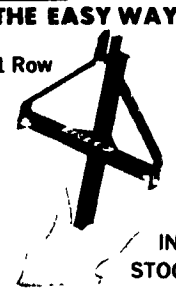
SPECIAL INTRODUCTORY DISCOUNT PRICE ONLY ..... ~~$690~~
NOW ONLY ~~$487.00~~ $395.00

ALSO INCLUDED IN PRICE IS THIS OPTIONAL EQUIPMENT: Sideboards

DEDUCT 20% OFF!

DIG YOUR POTATOES THE EASY WAY!
OR USE AS HILLER
They Do Work! The 3 Pt. Hitch, 1 Row

POTATO PLOW
HEAVY ANGLE TOW BAR



Features:

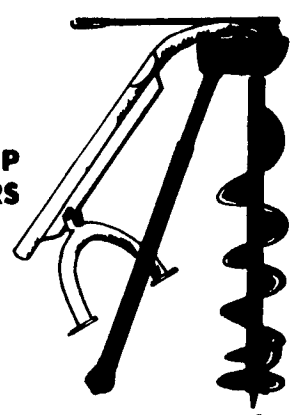
- FRAME-Welded Construction
- SHANK- 1"x4"
- HITCH-Standard Category 1
- BUSHER SHAPE

$97.85 COMPLETE IN STOCK

REMEMBER DEDUCT 20% AND SAVE NOW!

SPECIAL ON NEW 3 PT. HOOKUP POST DIGGERS

- w/12" Digger $345



BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

Pocket The Savings At Our Year-End Cash & Carry Discount Days

NOW THRU DECEMBER 31, 1984

SAVE ON A FINE SELECTION OF ROUND BALE HANDLING EQUIPMENT WITH BIG DISCOUNTS

TAKE $100 OFF REGULAR PRICE

CASE ECONOMICAL HEAVY DUTY 3 PT. HITCH ROUND BALE CARRIER

w/50" Long Prongs, 39½" Spread And 2' Upper Spike - 363 Lbs.
(Could Also Be Used As A Forklift With Removal Of Top Spike)
Regular Price... ~~$289.00~~

$189.00

This Price Is Good Only On Units In Stock, So Don't Wait... COME & GET YOURS NOW!

3 PT. ROUND BALE SPEAR

Designed For 1500 Lb. Bales Or More
Ideal For Holding Bale When Inserting Into Bags

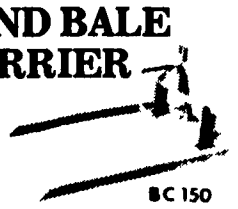
We Have Two Brands In Stock:

- FOUR STAR Weight: 96 Lbs.
- SOUTHEAST Weight: 105 Lbs.

Take Your Pick **Only $130.00 Each**
While They Last - Get Yours Now!

SOUTHEAST 3 PT. ROUND BALE CARRIER

Weight Approx. 165 Lbs.

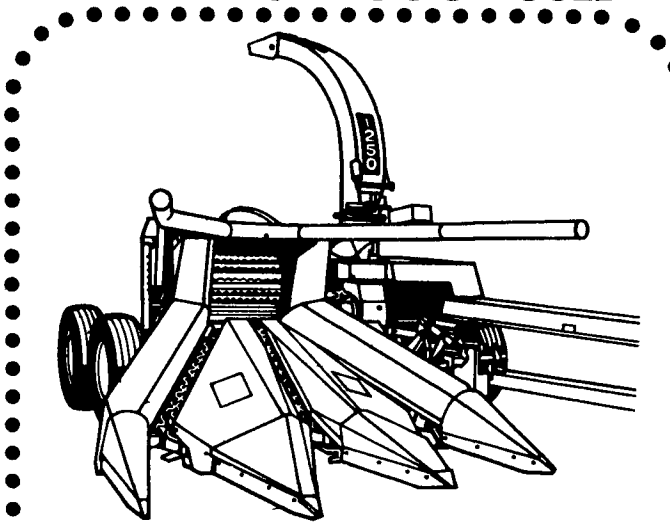


ONLY TWO IN STOCK
~~$195.00~~
DISCOUNT PRICE..... **$189.00**

LOOK AT THIS!

TAKE 45% OFF And Buy Heavy Duty Quality Cheap!

Can't Afford New... HERE IT IS IN GOOD USED



Super Capacity!

GEHL®

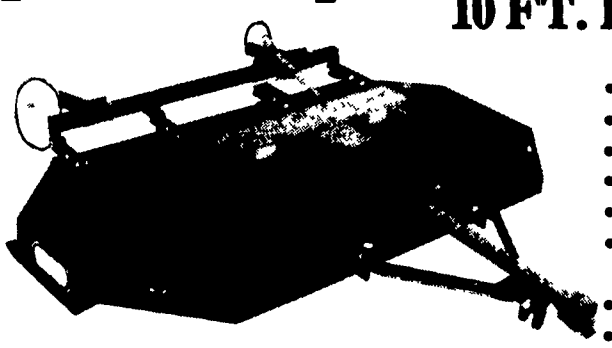
•Used Gehl Model CB 1250 Chopper w/ Walking Tandems For Smoooth Riding On Rough Ground, 2 Row Narrow Cornhead & 7 Ft. Hay Pickup.

$13,800 LESS 45% = A BARGAIN OF ONLY $7,590.00

Just For The Man Who Doesn't Have A 3 Pt. Hitch On His Tractor...

SOUTHEAST®

DRAG MODEL RC 120 DL 10 FT. ROTARY CUTTER



STANDARD EQUIPMENT:

- 7 Gauge Reinforced Deck
- ½x3" Free Swinging Suction Blades
- Round Blade Carriers
- Ratchet Jack Height Adjust
- Clevis Hitch
- (2) 15" Laminated Puncture Proof Tires
- Safety Yellow Driveline Guards
- Heavy-Duty 4-Plate Override Clutch
- Torque-Limiting Shock Absorber

SPECIFICATIONS:	Drag Model
Cutting Swath	117"
Cutting Height Range	2-12"
Gear Box H.P. Range	55
Weight	1677 lbs.

SPECIAL DISCOUNT PRICE

FACTORY PRICE ~~$3,189.00~~
ON ONE ONLY.... **$2,450.00**

BIG DISCOUNTS ON NEW HI-QUALITY ROTARY MOWERS

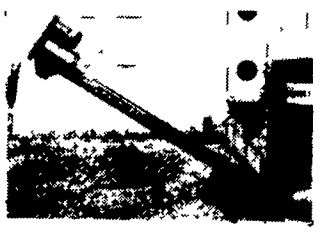
SEVERAL IN STOCK	• 5 Ft. 3 Pt. Rhino Model SE5 w/Stump Jumper Blade Holder, 1 Year Warranty, Single Tail Wheel... Reg. List $546.00	DISCOUNT SALE PRICE **$475.00**
ONLY ONE LEFT	• Bush Hog 6 Ft. 3 Pt.	DISCOUNT SALE PRICE **$695.00**
ONLY TWO LEFT	• Bush Hog 8 Ft. 3 Pt. w/Double Tail Wheel...Reg. List $1,995.00	DISCOUNT SALE PRICE **$1,648.00**
COMING IN	• Bush Hog 4 Ft. SQ4.....	DISCOUNT SALE PRICE **$475.00**
ONLY ONE LEFT	• Rhino Sat. 8 96" Cut, Heavy Duty, 3 Pt., Single Tail Wheel w/Round Blade Holder Disk Pan, Torque Limiter Clutch, Serial #002894, Weight 1070 Lbs.....Reg. List $2,960.00	DISCOUNT SALE PRICE **$2,085.00**
ONE ONE LEFT	• Rhino Sat. 8 96" Cut, As Above But Equipped w/Straight Bar Blade Holder... Reg. List $2,879.00	DISCOUNT SALE PRICE **$1,985.00**

THE BETTER BEDDER

One Only In Stock!
Ready To Chop!
Powered By 7 HP HONDA

List $1525.00
BUY FOR ONLY ~~$1,395.00~~ $1,295.00

ONLY TWO LEFT AT 30% OFF



SPEED KING UTILITY AUGERS

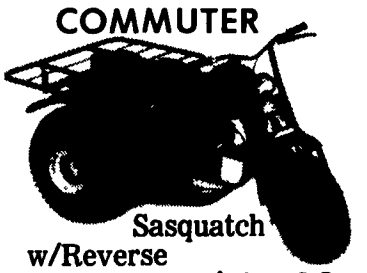
Motor Mount, Control Sleeve, Safety Cage
6" Diameter x 12' Long
ONLY ~~$308.00~~ each
LESS 30% = $215.60

NEW 1984 MODELS

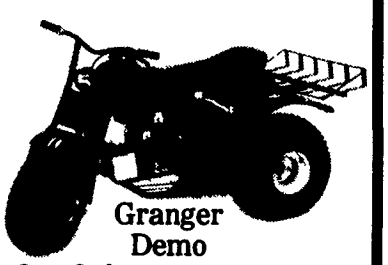
FARMERS, YOUR CHORETIME MACHINE CAN SAVE YOU STEPS!

NOTICE: This Tractor Has Rack For Carrying Feed Bags, Straw Bales And Other Farm Supplies. It Also Has A Hitch For Pulling Carts And A 9 HP 4 Cycle Engine With Lugging Power To Pull Heavy Loads, With Radial Tires.

COMMUTER



Sasquatch w/Reverse
~~$2,090~~ **$1,498**



Granger Demo
One Only
~~$1,847~~ **$1,198**

THE 3-WHEELER FOR ALL SEASONS

In the SPRING it's excellent for repairing fence, moving livestock and checking field conditions SUMMER uses include checking crop progress, maintaining irrigation systems and duty as a chuckwagon For FALL, use it to run harvest time errands, roundup cattle and for hunting and hauling game And in the WINTER, it ll save a thousand tiring steps Ride through the slush and snow in comfort doing chores and farm errands

IT'LL NEVER SIT IDLE . . .

The COMMUTER 3-wheeler is built to stay useful It has a chainless drive transaxle and a heavy duty 341 cc 9 h p Kawasaki engine with electric start For work or play its use is endless

Now you can see why it will never stand idle AND IT S THE VEHICLE THAT YOU ARE LOOKING FOR

They Work, Not Play!

SPECIAL FEATURES:

- Torque Overdrive Converter eliminates unnecessary mechanical shifting.
- 12 Month Warranty
- Electric Start
- Lights
- Hydraulic Shocks

BINKLEY & HURST BROS., INC.

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Located ½ Mile North of Rothsville
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Sat. 7 A.M. - 11 30 A M. Sun. Closed - Lord's Day

case

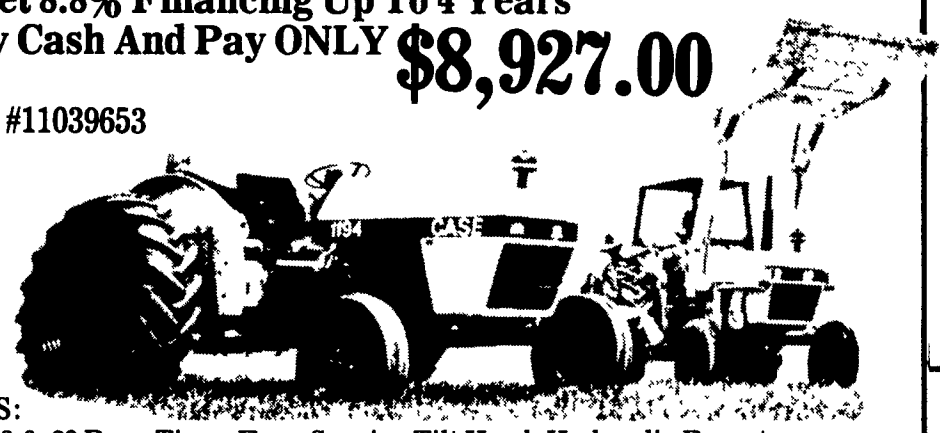
LAST CALL FOR 1984 AT THESE PRICES.
SAVE UP TO 30% BEFORE YEAR'S END

LOOK AT THIS! Buy A NEW CASE MODEL 1194
45 HP DIESEL TRACTOR

For ONLY $9,977.00

AND Get 8.8% Financing Up To 4 Years
OR Pay Cash And Pay ONLY **$8,927.00**

Serial #11039653

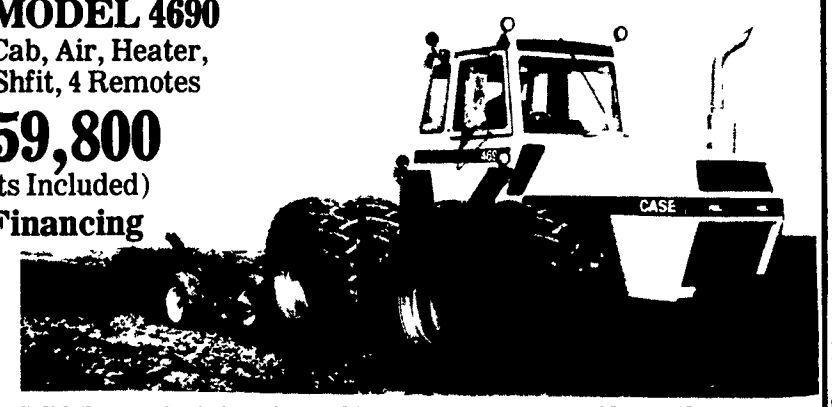


FEATURES:
13.6x28 Rear Tires, Easy Service Tilt Hood, Hydraulic Remotes Outlets, 540 PTO, Heavy Duty Main Frame For Loader Application.

AND Add A NEW CASE MODEL 54L QUIK TAC LOADER
w/72" Bucket For ONLY **$2,796.00**
Reg. List Price $3,709.00

NEW CASE MODEL 4690
261 HP, 4 WD w/Cab, Air, Heater,
12 Speed Power Shfit, 4 Remotes

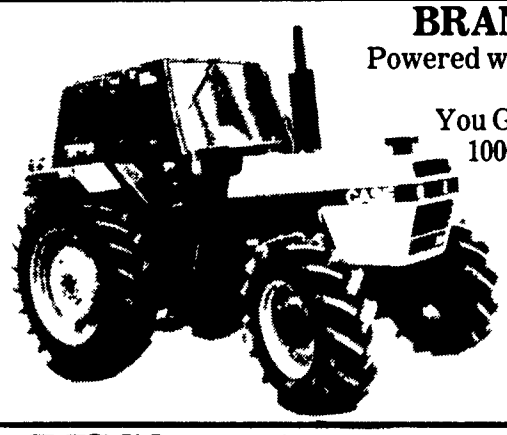
CASH PRICE **$59,800**
(No Duals Or Weights Included)
$65,500 w/8.8% Financing



Equipped With Case Solid Frame Crab Steering, Which Is Very Important If You Have Hills. 4 Way Steering Is Operated Very Easily With An Electronic Toggle Switch, Which Also Allows You To Operate As A 2 Wheel Drive Steering System. Also Has 20.8x34 Tires, Elecronic Activated 3 Pt. Hitch w/Draft Action, Quick Coupler Quick Hitch, 4 Hydraulic Sets, 1000 RPM PTO, Deluxe Custom Interiors, Tilt Hood For Easy Service.

You Must Come And See To Appreciate

BRAND NEW CASE 1594 DIESEL

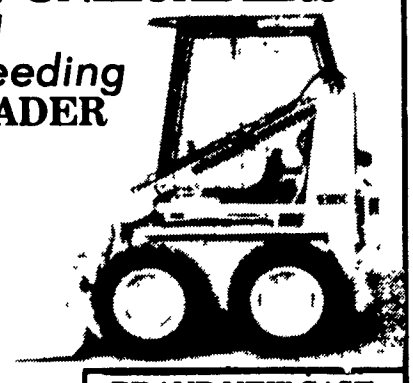


Powered w/85 HP 6 Cyl. Engine, Equipped w/Cab, Air, Heater & Power Shift.
You Get: Twin Hyd. Outlets, Reversible 540-1000 PTO Shaft. Tractor Prices Is 2 WD Over 20 GPM Hyd. (Front Wheel Drive Extra)

CASH PRICE **$18,500** OR
$20,600 w/8.8% A.P.R. Financing

MODEL 1594 w/Power Shift, 4 WD
CASH PRICE **$18,400** (No Cab)
OR $20,200 w/8.8% APR Financing

DISCOUNTS ON BRAND NEW UNILOADERS
Make Us Your Dealer Now!
The Farm Hand You've Been Needing
BRAND NEW 1816C SKID STEER LOADER



- 16 HP Onan Engine
- Breakout Force Over 1000 Lbs.
- Your Choice Of Numerous Bucket Options Available

Weight: Approx. 1 Ton
Demo - One Only Serial No. 9863336
DEC. DISCOUNT SALE PRICE **$5,680**

NOTE:
Other Uni-Loaders In Stock At Discount Saving Prices

LOADED & READY TO GO!
Priced Reduced....
NEW 110 HP CASE MODEL 2094

S/N 9929087 - One Only
Equipped w/Cab, Air, Heater, Elec. Power Shift w/ Computerized Digital Readout Dash, 20.8x38 Tires, Double Remotes, 540-1000 PTO, Weight Frame w/8 Weights

CASH PRICE
$27,800
OR $29,500 w/8.8% A.P.R. Financing

BRAND NEW CASE 1294 55 HP DIESEL TRACTORS

- 12 Speed Synchro
- 16.9x30 Tires
- Twin Remotes

$11,250 CASH
w/Reg. Rate Financing
or $12,500
w/8.8% A.P.R. Financing

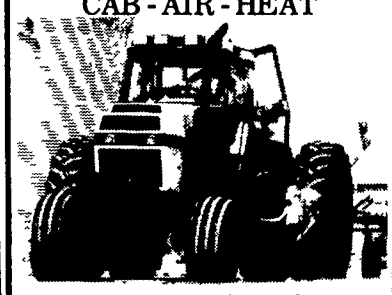
Get The Highest Quality Available On The Market Today... SPECIAL OFFER ON A NEW CASE MODEL 2294 4WD, 130 HP

- Cab, Air, Heater
- 12 Speed Electronic Power Shift
- 540 Cu. In. Engine
- Ground Speed Radar
- 20.8x38 Rear Tires
- 16.9x28 Front Tires
- Dual Remotes
- 105 Amp Alternator

Remember...Front Wheel Power At Its Best!
List Price $65,806

CASH PRICE ONLY **$37,800.00**
OR $41,500 w/8.8% A.P.R. Financing

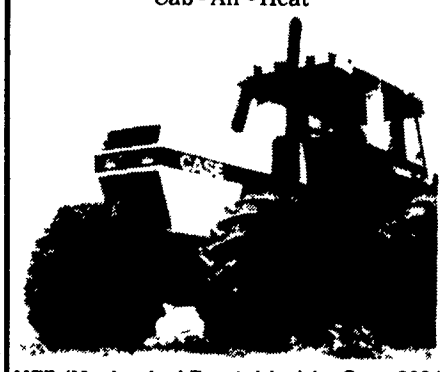
KING OF THE FIELD
CASE 2394
504 DIESEL
w/Over 160 HP And All New
24 SPEED 6 SPEED
POWER SHIFT
TRANSMISSION
CAB - AIR - HEAT



Serial #9928931 (Dual Wheels Extra)
20.8x38, 10 Front Wts.
DEMO

CASH PRICE **$38,100**
OR $42,000 w/8.8%
A.P.R. Financing

BRAND NEW 2094
MECHANICAL FRONT WHEEL DRIVE
Cab - Air - Heat



MFD (Mechanical Front drive) for Case 2094 and 2294 tractors offers you the fuel-saving, weather-beating productivity boost of four wheels pulling with limited-slip differentials. MFD plus new 12-speed power shift and new electrically actuated differential lock work together to create Case over-100-horsepower units of impressive working ability

CASH PRICE **$35,300**
OR $38,200 w/8.8% Financing

PRICE REDUCED!
NEW CASE MODEL 1394 TRACTOR 65 HP Turbo Charged Diesel

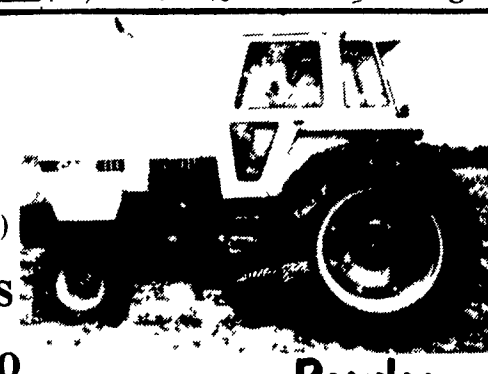
- Power Shift 2 WD, 16.9x30 Tires, Single Remote, 540-1000 PTO

Factory List $24,879

CASH PRICE **$12,900**
OR $14,633 w/8.8% APR
Financing

MODEL 1394 12 Speed Synchro Shift 2 WD
CASH PRICE **$11,625** OR $13,100 w/8.8% A.P.R. Financing

- Cab • Air • Heat
- Power Shift
- Front Weights
- Twin Remotes
- 504 C.I.D.
- Full Warranty (2 Yrs. on Power Train)



THESE NEW UNITS AT PRICES YOU WOULD EXPECT TO PAY FOR A USED TRACTOR!

MODEL	H.P.	CASH PRICE
• 2090	110	$23,950
• 2290	130	$26,500
• 2390	160	$33,300
• 2590	180	$36,500

OR **Regular Rate Financing**

MODEL 1494 75 H.P. TRACTOR
w/Power Shift 2WD, 18.4x28 Tires, Single Remote **$13,850** CASH
OR $15,600 w/8.8% APR Financing
MODEL 1494 w/Pwr. Shift MFD
$15,900 CASH OR $17,700
w/8.8% APR Financing

MODEL 2294
30 HP, Cab, Air, Heat, 20.8x38 - 2 WD, 8 Wts., NEW DEMO
$30,900 CASH
$34,400 w/8.8% APR Financing

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

1 FARM EQUIPMENT

IH 1256, fender, 3,000 hours, dual hydraulics, dual PTOs, $7900 215-857-5048 evenings

IH 1466 cab and air, dual hydraulics, like new 814-793-4293.

Four used vermeer round hay balers, 4 or 5', 800 to 1900 lbs. Haybines and rakes. Westmoreland Co., 412-423-4076.

Gleaner "F" Combine. Gas. 1968 Model. 13 foot grain head. Pick up reel. Power steering. Cab. Exceptionally clean $8500. 215-469-6439

IH 1066 cab, dual outlets, 3 pt. 814-793-4293

HORSE DRAWN EQUIP.
NH 456 Trailer Mower; $2,430 List, $1,750 Net (1 avail.)
NI 14 A Manure Spreader, excellent
IHC Sulky Plow
IHC No 9 Trailer Gear Mower, 7'
NI & Cunningham Crimpers
Nicholson Hay Tedder
New Wisc. T.J.D Bailer engine, $850
717-687-0102

For Sale: 1971 JD 4020, side console, single hydraulic, differental lock, new paint, new rear tires; JD 1240 4 row 30" corn planter with fertilizer and insecticide. Call evenings 717-665-7434.

For Sale: 2½ Massey Harris 44 tractors; One 33 NH crop chopper; One 1964 Ford 4x4 250 pickup, 7800 GVW. Lebanon County. 717-838-1434.

For Sale: 1984 Honda ATC Big Red, new condition. Call 717-426-3135.

For Sale: 1984 Honda ATC Big Red, new condition. Call 717-426-3135
For Sale: 30x60 metal office desk, excellent condition. 717-426-3135.

For Sale: 4030 JD, weights, dual remotes, new tires. Lancaster County 717-733-0660

For Sale: Miller 10' disc, hydro. leveling, good condition, best offer 215-383-6818.

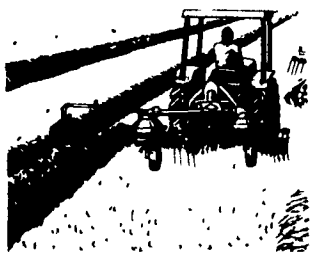
For Sale: Myers row crop sprayer, 500 gallon tank, PTO driven fan, hydraulic adjust leuvers, excellent condition. $5,500 or best offer 215-837-0847

For Sale: New and used Vent-O-Matic fans and parts; 7½ HP air compressor; Used heat reclaimer; new magnetic MNR to prevent and eliminate scale buildup in pipe fixtures. Columbian cookstove parts. Lancaster County. Paul Heistand, 717-426-3286.

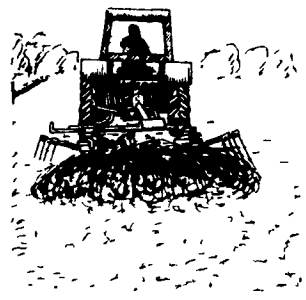
ONLY ONE LEFT!
11'6" WORKING WIDTH - Rakes Without Roping

KUHN

TWO MACHINES IN ONE!
Do You Want The Efficiency And Effectiveness Of Both Rake And Tedder Combined Into One Machine?



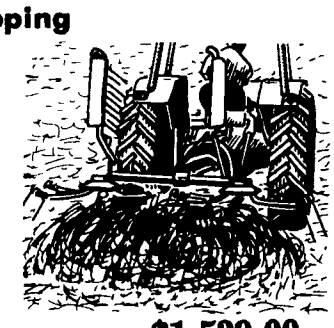
Then Check Into A MODEL GRS 25



Regular Price .... ~~$3,595.00~~
DISCOUNT SALE PRICE $3,375.00
Setup And Ready To Go!

SAVE ON RAKE-TEDDER COMBINATION
TRY THE NEW ECONOMY MODEL GRS 24
10 FT. WORKING WIDTH
In Stock Now!
Rakes Without Roping

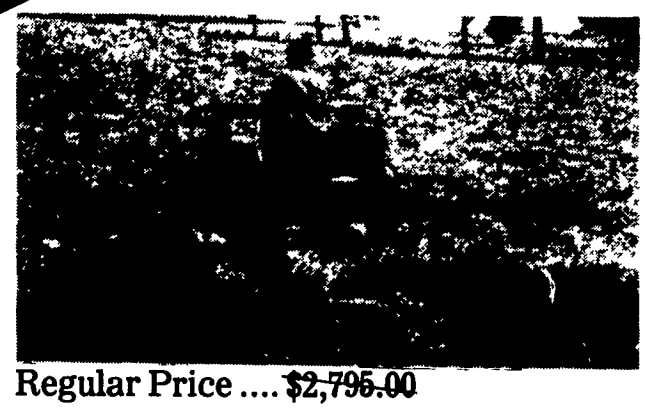
TWO MACHINES IN ONE!



Regular Price .... ~~$1,950.00~~
DISCOUNT SALE PRICE ONLY $1,539.00

SAVE $$$ . . . Buy In The Crate And Setup In Your Shop This Winter!

MODEL 452 ... A Tedder That Works



17 FT., IN STOCK

Gryotedder GF 452: Tines on gear-driven rotors mesh to crimp hay gently lift, fluff and spread hay for faster curing Trouble-free operation No belts or chains Optional gearbox provides slower rotor speed to produce two light windrows 17 ft width Folds to 6 ft for transport, 3 pt or trailing models

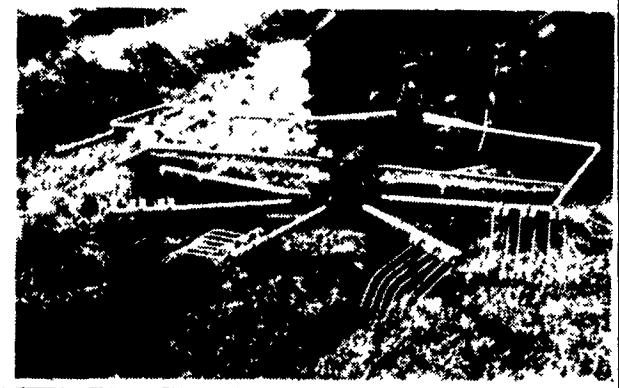
Regular Price .... ~~$2,795.00~~ Only Two Left
KNOCK DOWN SALE PRICE $2,375.00

LAST ONE AT DISCOUNT PRICE
High Capacity Raking Without Leaf Loss Means More Profit - Do It With A
KUHN 300 NM HAY RAKE

Gyrorake GA 300 NM:working width 10'6" - Articulating frame allows perfect work in curves

List Price... ~~$1,995.00~~

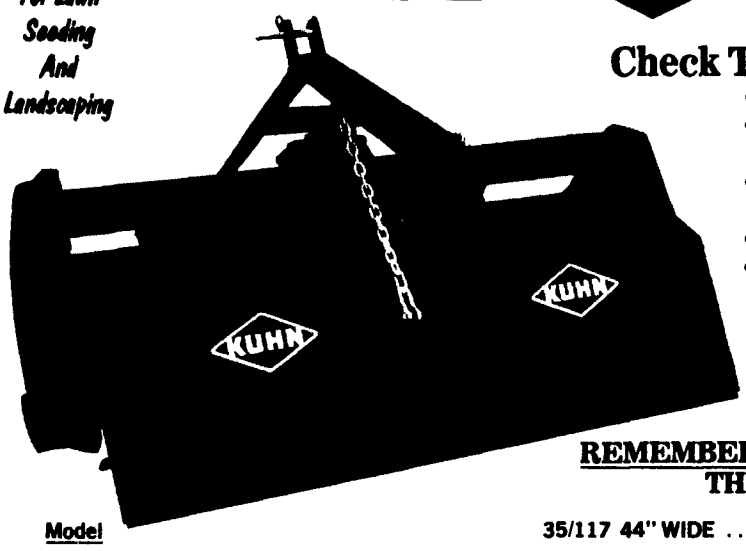
DISCOUNT PRICE $1,695.00



TAKE 30% OFF On The Highest Quality Tiller On The Market Today

NOTICE! The Ideal Machine For Lawn Seeding And Landscaping

KUHN POWER TILLERS



Check These Features:
- Double Thickness Door
- Special Wear Resistant Rotary Blade Tines
- Gauge Wheels For Easy Depth Control
- Adjustable To Offset 7'
- Oil Bath Bevel Gears Side Driven, No Chains To Maintain

If It's Quality You Want, Here It Is!

REMEMBER: TAKE 30% OFF THESE PRICES

Model		Model	
35/92 36" WIDE.....	FACTORY PRICE $1375	35/117 44" WIDE ...	FACTORY PRICE $1475
35/105 40" WIDE ...	FACTORY PRICE $1425	35/130 50" WIDE ...	FACTORY PRICE $1525
		60/205 80" WIDE ...	FACTORY PRICE $2525

DO YOU WANT FIRST CLASS HAY IN DOUBLE QUICK TIME?

Do It With Kuhn, Gyrotedders! MODEL 440T, 13' Pull Trail Type Gyrotedder GF440: tedder w/4 rotors, adj. frame for working along hedge rows...working width: 13'

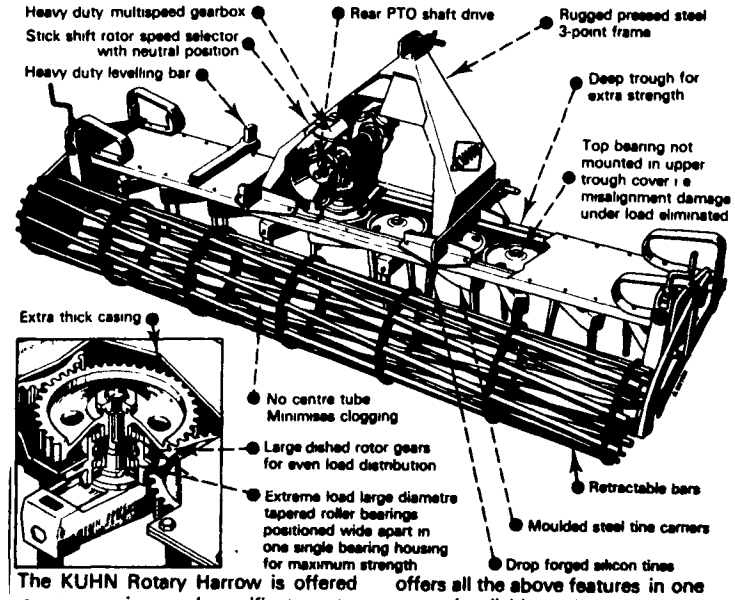
ONE ONLY
List Price .... ~~$2,350.00~~
DISCOUNT SALE PRICE $1,997.00

BRAND NEW ... SPECIAL OFFER On A New POWER HARROW

KUHN

15 Ft. Width, 3 Pt. Hookup THEY WORK!

The Power-line of Rotary Harrows from the Specialists


Heavy duty multispeed gearbox
Stick shift rotor speed selector with neutral position
Heavy duty levelling bar
Rear PTO shaft drive
Rugged pressed steel 3-point frame
Deep trough for extra strength
Top bearing not mounted in upper trough cover i e misalignment damage under load eliminated
Extra thick casing
No centre tube Minimises clogging
Large dished rotor gears for even load distribution
Extreme load large diametre tapered roller bearings positioned wide apart in one single bearing housing for maximum strength
Retractable bars
Moulded steel tine carriers
Drop forged silicon tines

The KUHN Rotary Harrow is offered in various sizes and specifications to suit the size of your operation and pocket. The only machine available that offers all the above features in one rugged, reliable package.

Just take the best and leave the rest.

283-HR450 Working width 15 , Cat II and III, 3-point mounting, for all tractors up to 180 H P w/1000 PTO speed Complete w/1¾" 20-spline transmission shaft 3190#

Break Up Lumpy Ground That Was Worked Too Wet!

One Only Serial #8100217 DISCOUNT SPECIAL $4,762.00

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1 FARM EQUIPMENT

TRACTORS REBUILT

Power units, gas or diesel.
Brakes - Clutches
Multi Power
Check our winter rates

GLICK'S ENGINES
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TRACTOR & MOTOR REPAIRS
Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD 3
Phone: 717-786-2252

May all the joy and beauty of that Holy Night be with you at Christmastide.

USED EQUIPMENT
NH 516 & 518 210 bu. Flatbed Spreaders w/hyd. endgate
NH 513 177 bu. Spreader
Farmhand Grinder Mixer
NH 362 and HAWK 157 flail spreaders
NH 67, 270 and 275 balers
JD 14T baler w/engine
NH 880-2 row forage harvester
Hesston-4 row harvestor w/pick up
Gehl "99" blower
Van Dale 20 ft. Magnum Silo Unloader

PARTS & SERVICE
NEW HOLLAND, VAN DALE, STARLINE

ROY A. BRUBAKER
SALES • SERVICE

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WISCONSIN HEAVY DUTY ENGINES

6-65 H.P.

Wisconsin
VG 4D 37HP For Clutch, Less Clutch $2185
VH 4D 30 HP Electric w/Clutch Reduction . $2150
AENLD 9 HP w/Clutch Reduction $975
(Engines in stock to fit most popular skid loaders)

Wisc. - Robin
W1-145 3.5 HP $185
EY 18-3W 4.6 HP $250
EY27W 7.5 HP Recoil $355
EY27W 7.5 HP Electric Start $525
EY27W 7.5 HP w/Pump Shaft $360
EY44W 10.5 HP, Recoil $475
W1-390 11 HP Recoil $485

Honda
G100 2 HP $195
G150 3.5 HP $215
G200 5 HP $265
G300 7 HP $346
G400 10 HP $445

Kohler
K161 7 HP Std $295
K181 8 H.P. 6-1 Reduction $550
K301 12 H.P. Electric $525

Ford Industrial Short Blocks
300 CID Gas $750

Continental
Y112 30 HP $650

Authorized Service Center
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BIRD-IN-HAND, PA 17505
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USED EQUIPMENT

NEW EQUIPMENT SPECIALS
JD 1610 Pull Type 11' Chisel Plow
JD 1710A Pull Type 11' Mulch Tiller
JD 2700 6 Bottom Spring Reset Plow
JD 2600 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

TRACTORS
JD 8450 400 hrs. ..... Coming In
JD 4020 w/PS, WF ..... Coming In
Oliver 5500 Overhauled ..... Coming In
JD 4440 w/SG, 500 hrs. $29,000
JD 4020 w/PS, WF, Overhauled, Factory Cab. $12,900
JD 2840, 350 hrs. w/Plow $15,000
IH 966 w/Cab ..... $ 7,500
IH M Diesel ..... $ 1,000
JD A ..... $ 925
IH 1486 w/Duals $17,500

COMBINES
IH 205 Combine w/3R C.H. ..... $ 5,500
NH TR 70 w/6 Row Head $19,900
68 JD 45 ..... $ 5,000
MF 300 Massey w/heads ..... $ 6,500

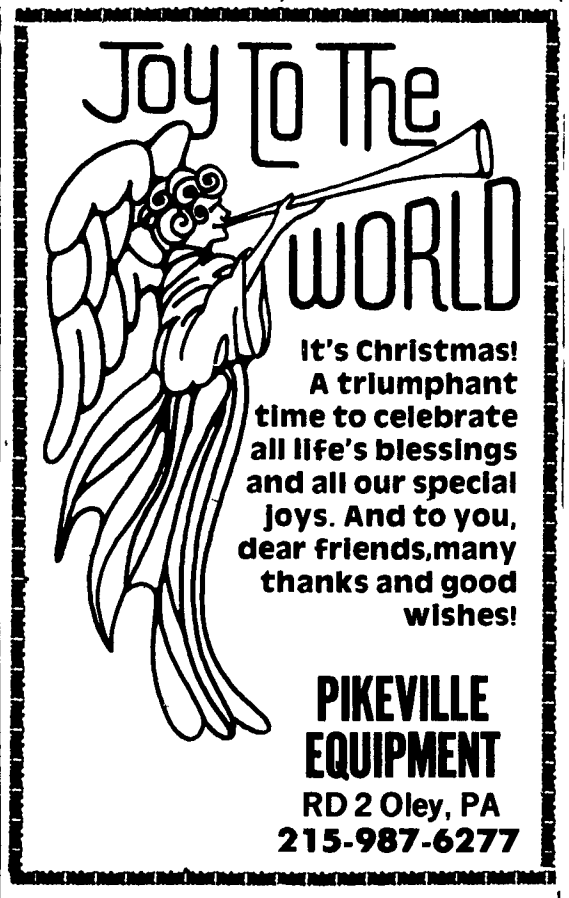
PLANTERS
JD 4R MAX-EMERGE ..... $ 4,500
AC 6 Row #333 w/No-til Coulters ..... $ 4,500
AC 6 Row 800 w/No-til Coulters ..... $ 3,500

TILLAGE
Ford Field Cultivator ..... $ 1,750
Brillion 10' Roller Harrow ..... $ 1,100
JD 220 Disc 17' w/Tine attach. ..... $ 4,900

HARVESTING
Donahue 28' Implement carrier, like new ..... $ 2,000
IH 720 Harvester w/2 Heads ..... $ 3,500
NH 880 Harvester w/2 Row 30" Head ... $ 2,500
JD 38 Harvester w/3 heads ..... $ 2,500
JD 1209 Mower/Conditioner ..... $ 3,500
Sunflower Wing Disc ..... Coming In
NH 352 Grinder Mixer ..... $ 1,800
JD 660 Rake ..... $ 1,900
Case 555 Mower Conditioner ..... $ 1,200

GOD BLESS YOU THIS CHRISTMAS SEASON

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132



It's Christmas! A triumphant time to celebrate all life's blessings and all our special joys. And to you, dear friends, many thanks and good wishes!

PIKEVILLE EQUIPMENT
RD 2 Oley, PA
215-987-6277

From The Staff And Management of
Cooper Ent., Inc.
Cecilton, MD

LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161

JOHN DEERE

Large Selection Of New Tractors
At Reasonable Prices
Customer Rebate & No Interest
Till June 1, 1985
(2) JD 2150 (5) JD 2950
JD 2350 JD 4250
(3) JD 2550 JD 4450
(2) JD 2750

JD 1978 6600 Side Hill, hydro, air, nice.
750 MF w/14' platform, air cond., hydro, good $19,500
Used 443 corn head, late style
NI 314 2 row pull type sheller
NI #7 1 row corn picker
Waiver on New & Used

GREEN VALUE EQUIPMENT
USED TRACTORS
JD 4020 powershift, WFE, dual outlets, sharp
55 h.p. JD 2510 Gas, WF, very nice
33 h.p. JD 1050 tractor w/roll guard & canopy, 375 hrs. like new
70 h.p. 6600 Ford w/dual outlets, 18.4x30 tires, weights, 1,044 hrs., dual power, like new $12,500
9N Ford
MF 65 tractor, good, new tires, $3,500
15 HP Satoh Beaver diesel, 4WD, $2,900
(2) JD B tractors, nice, $1,000 each
Farmall C w/mower, plow and front blade, sharp $2,650
Farmall H
40 h.p. AC D15 Tractor, 3 pt. hitch

TILLAGE
(10) 2, 3, 4, 5 bottom plows
10' Case transport disk
IH 401 harrow hyd. control, very good, $595
18' transport harrow
JD BWA disk harrow 12'

DRILLS & PLANTERS
IH 13x7 drill, good
IH 56 4 row insecticide, nice, reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 540 planter, dry insect disk

HAY, FORAGE & MISC.
NH 315 Baler w/thrower, 2½ yrs. old
IH 55 Forage Harvester w/corn head
IH hay crimper
IH 440 baler w/thrower, $2,650
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,750
NH #8 Forage Wagon w/8 ton running gear w/3rd beater & roof, excellent
JD 16A flail chopper, very good
Ford 3 pt. hitch mower
JD 483 mower conditioner
NH 479 haybine
(3) used forage blowers
JD 24T baler w/ejector
(2) used buck saws
JD 34 Spreader, 1 yr. old
(3) NH Spreaders
Straw Chopper, electric, used very little

Merry Christmas

JOHN DEERE *Nothing runs like a Deere*

CLUGSTON IMPLEMENT, Inc.

Merry Christmas & Best Wishes

NEW TRACTORS
JD 4250 4 Post, PS
JD 4050, SG, PS
JD 2950
JD 2950, SG
JD 2750
JD 2350 MFWD
JD 1650, 1450
JD 1450 MFWD
JD 850 MFWD
JD 750 MFWD
JD 650
JD Trac Loaders Model 75, 100, 245, 260

USED TRACTORS
JD 3020
JD 2520 G
AC 6060, 425 Hrs.
Ford 9N
Farmall A

USED HAY & FORAGE EQUIPMENT
JD 2 Row Narrow Corn Heads
Hesston 1010 & 1014 & 1090 Mower Conditioner
NH 495
NH 479 Haybine
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 24T Baler w/Thrower
Ford 530 Baler w/Thrower
Oliver 720 Baler w/Thrower
NH 2 Row W Snapper Head for Forage Harv.
Fox 3000 Harvester w/eads
JD 343 Corn Head for Forage Harv.
NH 26 Blower
JD 660 Rake

USED MISCELLANEOUS
Brillion Transport Harrow
JD 260 Loader
NH 445 Skid Loader
NH 357 Grinder Mixer
Post Hole Digger

NEW SPREADERS
NH 791
Martin S1466 & S1678 Scavenger
Martin Equilizer
H&S 295 Spreaders

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Fg. Harv.
JD 3970 Fg. Harv.
JD 3950 Fg. Harvester (1) w/iron guard
JD 347 Balers
JD 430 Round Baler
NH 849 Round Baler
NH 489, 495, 499 & 1495 Haybines
NH 256 Rake
JD 660 Rake
Miller 2150 Forage Wagon
NH Forage Wagon
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

NEW TILLAGE
JD 950 Roller Harrow
JD 215 Disc
JD 2600 4B Plow
Haybuster No-Till Drill Also for Rent

NEW SKID STEER LOADERS
NH 455, 555
Bobcat 643, 743, 843

NEW MISCELLANEOUS
Demco Sprayer 600 gal.
NH Grinder Mixers 353

USED CORNPLANTERS
IH 56 4 row
JD 7000 4 RW w/No-till attach.

Ask About Waiver of Finance on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

May your holiday season be filled with all the expressions of joy that is Christmas

(Combines on our lot)
1981 JD 6620 Side Hill, 1 owner fully equipped, used 400 hrs., like new, (SOLD).
Used JD 6620 L.L. one owner Hydro fully eq.; Used 1980 JD 6620 side hill 1 owner fully Eq., real nice.
New Int. 1420 Axial Flow. New 820 Flex Head.
Used NH TR70 Hydro w/15 ft. flex & 6 row; 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600 D rotary screen, good cond.
1977 JD 6600 Side Hill Hydro, one owner w/heads.
JD 6600 D w&643 or 444 Cornheads. 1976 Gleaner FD w/C.A., IH 915 Hydro D. w/4 Row Corn Head, Real Nice for $10,800.00. IH 715 Hydro w/German D, w/810 Grain Head & Choice of C.H. 1976 Int. 915 D w/810 grain head, $15,900.00; 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 D hydra. w/grain and 43 corn heads.
MF 410 D w/cab & Q.T. Grain Head.
1969 MF 510 D, cab & 2 heads.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int. 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
JD 40 w/10 ft. grain & 205 C.H.
M & W Continuous Flow Dryer.
M & W 500 Bushel Grain Cart w/Tandem Wheels, Like New.
JD 7720 w/Fire Damaged Cab.
JD 6620 w/Fire Damaged Cabs.
Coming in - Used Int. 1460 Axial Flow, Real Nice, Fully Eq.
(Financing Available Also Lease Financing Available On Combines & Tractors).
We have 3 NI Uni 729 A shellers from $1500.00.
Tractors & Equipment Just Traded & Purchased - Int. 5488 w/Radial Dual Tires, like new. Ford 9600 C.A. & Dual Power, nice for $9875.00.
Ford 7600 w/Dual Power, Real Nice. JD 2940 w/400 hrs., $16,250. JD 4030 C.A., original, real nice; JD 4320 w/Cab. JD 2940 w/4 Whl. Drive & 38" Whls, 110 Hrs., like new. New JD 4400 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; Agri Power #9000 - 115 HP; by Flat used 80 hrs., like new. AC 7045 C.A., like new; Farmall 1566 C.A., black stripe; MF 1080 D, real nice, $6800.00; New JD 6 - row conservation planter w/liquid fert., inst., & monitor; Price for $12,900.00. JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; JD 2940 w/RG canopy. Int. 656 utility D. w/2250 Loader. 1066 red cab & air, original, real nice. Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH, Original. IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900.00; JD 4020 side console, Farmall 656 Hydro D., real good; Case 1030 D. New MC 7' for $3900.00; Int. 400 4 row cyclo planter w/no-til.
Balers JD 336 twine w/thrower, real nice. JD 336 wire w/thrower. We have 4 JD 336 Balers to pick from. JD 410 Round Baler, real nice; JD 500 Round Baler, $4,400.00. NI #456 Round Baler. NH 852 Round Baler. NH 472 - 7 ft. Haybine, like new, $4,575.00; NH 477 haybine, 7 ft.
JD 660 Rake w/Front Whl. NH 258.
Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'. NH 495 12'. Int. 990 9' late model. JD 1209 for $1800.00. Int. 1190 for $2,475.00. New NH 489; Haybine for $7,550.00; Used Int. 990 - 7 ft. Haybine, nice.
NH 488 Haybine.
NH 479 Haybine, Real Nice, $3250.00.
JD 336 Baler /Thrower for $3900.00, (SOLD).
NH 273 Baler w/Thrower.
NI 279 Cut-ditioner, Real Nice.
MC 9' rotary scythe, $1250.00. NI 279 cut/ditioner, $1500.00. NI 7' cut/ditioner, $1200.00 & UP.
Balers: NH 269 w/Thrower, $1250.00.
Int. 430 Baler.
NH 320, looks like new; w/new #70 NH Thrower for $6950.00. JD 466, a real nice big baler. NH 273 w/Thrower. Lely Hay Tedder.
Int. #100 Dyna Bal. 3 pt. Sickle mower. JD 350 3 pt. Sickle Mower. MF Dyna Bal. Mower. NH 258 Rake w/Front Whl., like new.
TRACTORS AND EQUIP. JUST PURCHASED. New JD 2950. 4250 C.A. P.S. Used JD 4240 C.A. Quad.
Used IH 5488, Fully Eq. w/Dual Whls., Used 800 Hrs.
JD 4230 w/Cab.
1972-JD 4020 WF.
JD 720 D, Excellent.
Ford 7000 Diesel.
New JD 4240 C.A. and P. Shift, JD 4620 w/Cab and new tires, real nice, JD 4640 C.A., PS, 20×38 tires, w/Dual Wheels, fully equipped, 800 hrs., like new, $35,800.00.
Used JD 2640 w/Hi-Lo dual hydraulic, $9,875.00. JD 2010 gas, $1,775.00, (SOLD). Farmall 1586 C.A., 3 valves, & Dual Wheels. Farmall 1086 C.A. Farmall 886 w/Cab and 18×38 tires like new. Super A w/2 Way Plow, fully eq., excel. cond.. Case 930 D, original. Case 1030 D. JD 3010 gas. New A.C. 8050 PS w/Radial Tires, list 56, cost 44, our price, $34,850.00. New AC 6080 Diesel.
Used JD 4040 w/R.G. and QR, nice. JD 4630 cab, air, PS, w/Front whl. drive. JD 6030 C.A., duals, all original. Farmall 1586 C.A., real nice. Farmall 1486 C.A., w/Radial Tires, real nice, one local owner. 1066 Hydro original. Farmall 706 Gas, WF and 3 pt.. 766, original. NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed. NI 324 Picker w/12 roll bed. Case 1370 C.A., PS, factory duals and full wts., $13,500.00.
NI Combines, Just Dealt. NI 702 late model w/Heavy axle & High Screens w/729 A Sheller. #743 - 3 row Quick Tach C.H., real nice & Field Ready. NI 738 4R N CH. NI 10 ft. direct cut head. NI 3 row 30" Silage Head.
NI 705 Uni D w/729 A Sheller & 3 Row C.H. NI 702D w/Burned Motor.
NI 713 Q Tach Grain Head.
MF 1135 CA MP, real nice. Farmall 1468 C.A., $8,850.00.
Farmall 886 w/R.G., 560 D w/F.H.. Nice 756 D WF and F.H., nice, original. 756 D WF 3 pt.. Int. 656 utility D, nice, original.
Int. 574 Utility D, w/New Tires.
Int. 404 Utility, Nice, (SOLD).
Int. 444 Utility w/Hydraulic Loader. Farmall 460 Gas, TA, FH for $1975.00.
2 Used NI 323 1 Row Picker, Real Nice, $2250.
AC 7010 C.A., P.S., 20:8×38 tires, full wts., light package looks like new.
Farmall 656 Gas. JD 730 D, nice. JD 620 w/PS. JD B. JD 1520.
New Holland 1010 Bale Wagon.
1971 JD 4020 S.C. w/Power Shift; JD 4030 w/ROPS, $9450.00. JD 4010 D, $5450.00. JD 2510, Gas, Real Good. 4010 Gas.
JD 4020 S.C., P.S. JD 730 Gas. JD 530 w/PS & 3 pt. JD 4030 4 Post w/Quad & good tires. 1971 JD 3020 D, WF, P. Shift w/2 Valves. JD 3020 Diesel, $5,450.00. JD 2010 D, real nice. JD 2010, gas, nice. JD 630 w/PS & 3 pt. PT. 4020 D WF, DL and 2 values w/Cab. JD 4020 D WF, PS. JD 6030 C.A., real nice. JD 3010 Tri Gas. Farmalls 1586 4 Post R.G. w/Duals. 1206, extra nice.
Int. 606 w/Loader. MF 175D w/R.G.
Int. 300 Utility.
Farmall 300 w/TA & FH.
Farmall Super M w/Myers Snow Plow.
Farmall 450 Gas w/WF, PS, TA, FH.
Farmall 560 Gas, Real Nice.
Int. 84 Hydro D.
JD 4020 D., WF, PS and diff lock). (Harvesters). NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head.
Used Fahr Rotary 7 ft. Haybine. Glenco SS9 Soil Saver. JD 210 14 ft. Disc. Hesston #30 Stakhand.
CHISEL PLOWS. New Ford 13 ft. 3 pt. w/Gauge Whls.
Used Grim 4 star hay tedders.
NEW NI 406 Rake w/Front Whl, $2,275.00.
Grinder Mixers. NH 357 for $3850.00. NH 355, like new, (SOLD). Gehl 95, real nice.
Int. 1150, Real Nice.
New AC 7010 w/20 sp. trans. JD 4020 S.C. w/Cab. MF 1135 w/Cab.
Farmall M Diesel w/PS. M & W PTo & Dual Hydraulic.
We have 3-Farmall M's & Farmall H.
TRACTORS & EQUIP. Farmall 1566 w/Cab and duals.
Case 1410 D, nice, $7900.00.
Cub 184 w/3 pt., like new. 682, 128, 125. JD 317, 314, 210.
New John Deeres 4240 cab & air, QR for $30,000.00. New JD 4440 C.A., QR w/Radial 20×38 tires. Local Trade Ins. Used JD 4230 CA, QR. 4020 side console equipment.
Corn Heads JD 643, 444, 244, 843, 343, 443, 313 for 45C, 235. JD 443 w/Field Queen Attach. MF 1163. 63, 43, 44, 24, 222, 422. Gleaner L438, K238, A630 for L2 & M2, G630, F335, F330, M430. Int. 863, 864, 844, 744, 843, 227. NI 4 row 40" heads. Case 4 row 40". MF 43 Lo Profile. NH 4 row 38" C.H. New JD 444, $6875.00. JD 443, used 2 seasons. Late Model 643 JD Cornheads. New JD 443 CH for $9500.00.
New Int. 810 13 ft. grain head.
Used Int. 820 16' flex grain head.
Used JD 215 Flex Grain Head. 3 Used JD 13' Grain Head.
4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls). 5088 C.A. for $34,850.00. New 3688 fully eq., $30,000.00.
(Used Farmalls). 966 original. 1206, real nice. We have 4 JD 4020 side console diesels. 1970 JD 5020, $6950.00. Ford TW20 w/Cab w/220 Hrs., Damaged.
Case Used 2590, fully eq., cab, air, PS, dual whl., 900 hrs., for $23,900.00.
New Case 1490, w/Heavy 66 Case Loader, $1925.00.
Case 930 Standard D, Real Nice.
AC D 17 dual IV w/3 pt. JD 4230 w/Rops. 1971 JD 3020, SC, PS, DL, +2 valves.
TRACTORS. Farmall 544, Gas, WF. Farmall 706 D, WF & 3 pt.
1971 JD 4020, original. Case 1070, PS, $6875.00. JD 4010 Tri D. Farmall 766.
Long 910 D.
CULTIVATORS - New Case 3 pt., 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS. 2 Used NI 325 w/12 roll bed, current model. Used NI 325 w/8 Roll Beds. (2) NI 324 w/12 roll bed. (325 N. w/Sheller). NI 3 row 30" Picker w/Super Sheller. New Idea Shellers and Super Shellers. NI 2 row N. w/Grinder.
NI 323, 1 Row, Like New.
NI 324 w/8 roll bed. NI 324 w/Super Sheller. 4 yrs. old for $3995.00. New NI 323 1 Row, Below Dealers Cost. NI 325 w/Regular Sheller, nice.
New NI 324 Picker w/Super Sheller List, $15,390. Special $8,475.00. NI 319 Mtd. Picker w/Sheller. JD 237 w/Multi Lubes & Sheller Available.
Mounted Pickers. NI 305, 2 row for M, 450, 560 & JD 3020. Int. 234 for 560-656 & JD 3020. JD 237 for A, 620, 3010.
NI 727 Uni Husking Beds.
JD 4020 w/58 Loader. JD 4320 w/Cab.
560 D w/F.H., nice.
Farmall 1568 w/Cab & air, used 1000 hrs. 1566 w/cab. 1466 w/Cab. 886 w/Cab, 800 hrs., like new. 856 w/38" tires, very nice. Farmall 756 Gas. Hi Crop 656 Diesel, Hi Crop.
HARVESTERS. Int. 830 w/2 row, 30", C.H., w/Electric Controls, 2 yrs. old, like new, $7,800.00. Int. 830 w/3 row 30" C.H., fully equipped, $6,800.00. Fox Super D SP Chopper w/2 row.
JD 3960 Fully Eq. w/Controls also 7½ ft. pickup head. Also 243 C.H. w/Adapter Plate for Chopper.
Used JD 3940 w/Elect. Controls. 2 row N.C.H. & Pickup Head. JD 3800 w/2 row C.H. for $2850.00. Fox 3310 w/3 row 30". NH 717 w/2 Row 30". NH 890 w/3 row 30". 2 NH 890 2 row 38" cornheads. Fox 2 row Snapper Head. NH 770 1 Row Snapper C.H. NH 890, 2 new Snapper Head. Fox 2 row 30" Silage Head. JD 1 row Snapper Head for 38 & 3800. JD 4 row Stalker Head, like new.
New JD 5½'. Used JD 5½' Pickup Header.
Int. 650 Chopper w/2 row C.H.
Gehl Recutter Blower.
ALLIS CHALMERS 7040 w/Cab, power shift, like new, low hrs. 210 w/new 20.8×38 tires. AC H3 Crawler w/Blade and winch.
2 JD 4 wheel drives, 8630, fully eq. w/duals & 7520, fully eq., w/Duals.
FARMALLS. Used 686 w/Cab & Air. 806 w/3 pt. & 38" wheels. Farmall 656 Diesel & 656 gas. Farmall 826 Hydro D.
Farmall 450 gas w/PS & FH.
New White 2-65 w/Front Whl. Drive and new 1730 Loader, List $29,000.00.
Dealers net $23,700. Our special price, $21,850.00.
New White 2-105 w/Cab, $22,850.00.
MASSEY FERGUSON 2675 Cab & Air, 1155, cab & air, M.P. for $8850.00. MF 184, 4 Wheel Drive. MF 175 D. MF 85 D, w/new Tires. MF 1155 w/C.A. M.P. MF 1130 for $6,250.00. MF 1080D. MF 90D. Oliver 1950T w/Cab for $5,975.00. 2050, 1855, Diesel for $6,000.00. Oliver 1650 w/over & under shift. MM Vista 1000 w/cab and loader.
Farmall 706 German D w/cab. JD 2520D. MF 1135 w/R.G. and dual wheels. NH 890 2 row snapper head.
Fords 5000 D. Small tractor just traded.
Farmall Cub w/F.H. Plow, Snow Plow & Culti. Ford 860 w/Loader. JD 2010 D, real nice.
AC 5030 w/3 pt., used 270 hrs. AC 185 D, needs motor work. JD A w/PS, excellent.
IND. EQUIPMENT. Int. 500 E Crawler Loader w/270 hrs., like new. Cat 933 crawler loader.
Cat 951 C Loader w/Rops, real good.
JD 350 Crawler Loader.
AC 600 21 ft. Forklift.
Case 1537 Skid Loader.
Mechanics Specials. JD 3010 Gas.
Farmall 1256, needs motor work.
Case 1212 D.
Case 900, Wrecked.
Case 1410. Farmall 706 gas, needs trans. work, $2700.00.
Planters. Used Int. 800 6 row air planter w/dry & monitor. New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800.00. Used JD 7000 4 Row 30" & WR, like new. New & Used JD No Til Planter Coulters. JD 7000 6 row plate w/fert. inst. JD 1460 6 row no-til liquid plateless Inst., $1975.00.
AC 12 row No-Til Soybean Planter. Oliver 6 row no-til w/dry fert., inst., fert. fill and population monitor.
JD 1280 8 row planter.
Cabs for JD and Int. 86 series Tractors.
3 new full vision cabs for MF 165 thru 1135. Glenco 12 ft. 9" Soil Finisher, like new.
Glenco SS9 Soil Savers. Brillion 9 ft. chisel plow. Brady 14 ft. pull chisel plow w/Buster Bar.
Athens and Bush Hog 12 ft. and chisel plows.
Miller 12 ft. offset disk, JD Disks #210, 12×14 ft. New Westfield grain augers 41 ft. 8" KD=$1395.00, 56 ft. 8" KD=$1995.00.
Used Danuser Post Hole Diggers.
New JD Front Dozer Blade for 4520 thru 4620, 4430 and 4640.
2 NH 38 Flail Chopper, like new.
NI Hay Conditioner.
Used Brillion, 8' Packer Seeders. Used Century 400 gal. Sprayer.
New 8 ft., heavy duty 3 pt. blades.
JD 6 & 8 row front cult. New 15 ft. rotary cutter. Oliver 3× Rollover.
PLOWS. JD 5× Hyd. JD 2500, 6×18 sp. reset. Int. #700 6×16 sp. reset w/colters, etc. for $2650.00. Ford 5X sp. reset. Oliver 4×16 Rollover. JD 3×16 Rollover. Ford 2X Rollover, like new. AC 6X Reset Plow. AC 3 pt. 5×14 Used Chisel Plows. Brady 12 ft. & 10 ft. Chisel Plow. New IH 3 pt. Field Cult. 12'. Used 3 pt. Bush Hog 7 Shank V-Ripper. Bestland Rock Picker. New Johnson Loader.
NI 214 Flail Spreader w/Endgate, Nice.
NI 4 row Stalk Shredder.
Used Brillion 21' Hyd. fold cultimulcher.
Used Brillion 13' roller harrow. JD 3 pt. 1&3. Shank Sub Soilers.
JD #111 = 10' Disk. Int. 370 10' Disk. Brillion Field Cult.
Int. 480 20' Fold Disk.
AC #2300 12 ft. Disk. Case 10 ft. Disk. NI 12 ft. Lime Drill.
Used JD #400, 12 ft. Rotary Hoe.
Howard 13 ft. rotovator.
New 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Used Chisel Plows 3 pt. JD 1610 12 ft. Athens 10 ft. Int. 11 ft.
New DMI 12 ft. pull chisel plows. JD and Oliver 4, 6 & 8 row front mtd. cult.
Straw choppers for combines. JD 4400, 7700, 6600. MF 510, 550.
Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.
JD 8300 21×7 DD Grain Drill w/Soy Bean Attach. Used 100 acres, like new.
JD 8300 21×7 D.D., $3450.00.
Int. 5100 21×7 DD grain drill, like new.
Int. 510 21×7 D.D. w/press wheels. 2 sets of press wheels for JD drills.
Int. 510 16×7 w/fert. & grass seed.
Int. 510 16×7 grain drill.
Ontario Grain Drill w/Fert., real clean.
Loaders. New Int. 2355. JD 148, 58, 48, 46A Loader. Int. 2250, 2050. Int. set of forks, like new. Int. 2000 Loader. 1 Int. 2001 Loader, new. Great Bend Loader, 3 pt. hitch for 630 and 730 JD Tractor. New and Used JD Quick Couplers.
2 New sets JD 38" cast whls. & rims for 4640 etc.
TRUCKS. 1979 Chev. C65 24 ft. rollback, like new.
'76 Chev. 4×4 Pickup.
Int. Scout 4 whl. drive. Delta 44 ft. combine trailer.
New NH Direct cut head for 770. New Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800 38. Fox pickup head. 20 set of dual wheels, all sizes.
JD front & rear weights. IH front and rear weights.
New JD 6 & 7 ft. Loader Buckets, $500.00.
New 3 pt. Scoops.

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HAY EQUIPMENT

N.H. 469 Haybine
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
N.H. 495 Haybine
N.I. 456 Round Baler

COMBINES

Gleaner KKS Combine (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
MF 300 Diesel w/10 Ft. Head And 2-Row Cornhead
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
M.H. 82 Combine w/ 12 ft. Header

FORAGE

N.H. #1[SOLD]rage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
IH 550 Forage Harvester w/Heads
N.H. Super 23 Forage Blower
N.H. 880 R2 Cornhead
N.H. 880 N2 Cornhead
N.H. 770 R2 Cornhead
N.H. 890 W pickup
N.H. 890 N3 Cornheads

USED UNI EQUIPMENT

705D Uni Tractor Fully Wgted. w/Cab
702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
702 Uni Tractor with Rear Wheel Assist
767 Uni Super Chopper
(2) 760 Uni Chopper
(4) 766 Uni Pickup Heads
763 3-Row Narrow Chopper Head
(2) 762-Uni (2 Row) Chopper Heads
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft. Flex Grain Head

MANURE SPREADERS

N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att. and Hyd. Endgate
Hawk Built 187 Tank Spreader
N.H. 518 Spreader w/2B
200 Bu. Kasten w/Hyd. Endgate

USED TRACTORS

AC 7020 P.S. w/Cab & Air
AC 130
AC 6080

MISC.

N.H. 357 Grinder Mixer (nice)
N.H. 354 Grinder Mixer

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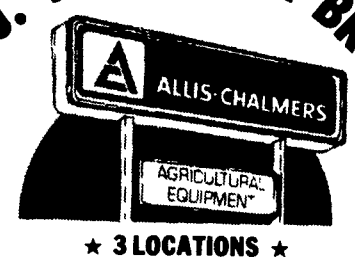

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TRACTORS
AC 7060 PS, w/Cab
AC 7040 PS, w/Cab
AC 7020 PS, w/Cab
AC 185 D, 900 Hrs.
AC WD 45
AC WD
IH 460 D
Farmall 400
(2) MF 180 D
MM G1000 D
JD 4010
JD 3010 D
JD 60
JD B

TILLAGE
JD 13' Transport Disc
MF 13' Transport Disc
Oliver 6B Spring Tooth Plow
AC 80 Series 4B Mtd., 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/Gauge Wheels, Like New!
Vicon 14' Power Harrow, Demo!

COMBINES
(2) Gleaner M2 w/Cab, Air/Heat, 15' Grain & 4-Row Corn Heads, Low Hrs.!
(2) Gleaner MKS w/13' Grain & 630 Corn Heads
Gleaner F2 Diesel w/Cab, Air, 13' Grain & 438 Corn Heads
Gleaner KKS w/Cab, 10' Grain & 238 Corn Heads, Excellent!!
Gleaner CII w/12' Grain & 438 Corn Heads
Gleaner E w/Cab, 10' Grain & 238 Corn Heads
Gleaner AII w/Cab & Both Heads
Gleaner AII w/12' Grain Head
JD 55 Special w/Cab, 12' Grain & 330 Corn Heads
JD 55 w/12' Grain & 338 Corn Heads
JD 45 w/Both Heads
JD 45 w/Grain Head
MF 35 Pull Type
IH 315 w/Cab, Grain & Corn Heads
NH 975 w/11' Grain & 238 Corn Heads
NI Uni-System 702 w/717 Combine, 4-Row Corn Head
NI 767 Chopper w/702, 2-Row Corn Head & 761 Pick Up Head

MANURE SPREADERS
NH 676, 325 BU
NH 510, 160 BU.
(2) NI 218, 265 BU.
(2) NI 214, 206 BU
NI 213, 170 BU
Farmhand M165, 125 BU
NH 365 Tank
(2) Hawk Bilt 207 Tank

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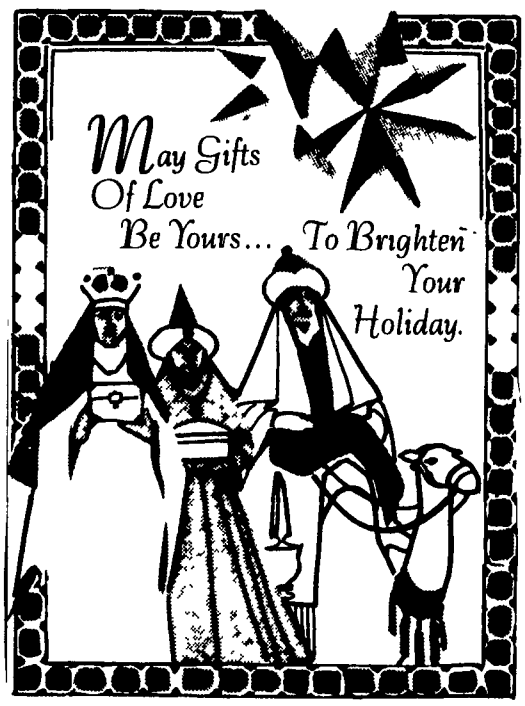

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Case 1290 Diesel
Ford 4000 Diesel
Ford 8N w/Loader
IH W6
JD A Cyclone, Rollamatic
JD 70 Diesel
JD 4020 w/Cab
JD 60
Farmall Super C, Fast Hitch
Farmall Super H
Farmall H
(1) MF 50 Gas
Oliver Hart Parr 15-28 Rating
Huber

HAY & FORAGE EQUIPMENT

NH 273 Baler w/Thrower

OTHER

NH 24 Ft. Elevator
NI 42 Ft. Elevator w/3 HP Motor

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Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs. $6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers ..... Special Prices

USED EQUIPMENT

Hesston PT10 Haybine
NH 315 SS Baler
NH 273 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 679 Spreader w/ Hydraulic Endgate
Butler Oswalt 1830 Ensilmixer
NH 258 Rake
NH 467 Haybine
NH 717 Pickup Head
Case 4B Plow
NH 717 Harvester
Little Giant 40' Elevator
McCurdy Grain Bin
NH 354 Grinder Mixer
NH 489 Haybine

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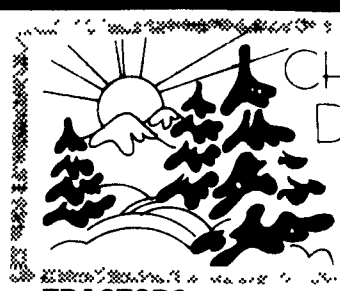

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MF 65 Dsl. 3 pt. 38" Tires
AC 185 Dsl., WF, Very Nice
AC 200 Cab, WF
Case 1737 Liquid Cooled Skid Loader
Oliver 1755 G, WF, Very Nice

HOLIDAY SPECIAL
Case 1690 Dsl., 396 Hrs. w/Case 66L Quick Tach Loader $12,650 FOB

TRACTORS

JD 4840 Cab & Air, Power Shift, 1800 Hrs., 18x42 Radial Duals, Excel.
JD 4230 Dsl., Cab & Air, QR
JD 4430 Cab & Air, Quad Range, 2000 Hrs., 1977 Model, Excel.
JD 4040 [SOLD] ender Tractor, Power Shift
JD 4430 Cab, Air, Quad Range, 1976 2600 Hrs., Very Nice
JD 4630 Cab & Air, Power Shift, FWD, 1977 Model, 20x38 Radial Tires
JD 4630 Dsl., Cab & Air, Quad, Quick Hitch, Very Good
JD 4240 Diesel Cab, Air, Quad, Very Nice
JD 4230 Dsl. QR, Fender Tractor
JD 4320 Dsl. Cab & Air, Exce[SOLD]
JD 4020 Dsl., WF, Excel.
JD 4020 D, WF, Power Shift
JD 3010 Dsl. RC, Very Nice
JD 3020 Dsl. WF, Power Shift
JD 3020 Dsl., WF, Side Console
JD 2510 Gas Row Crop
JD 2840 Dsl., WF
JD 2640 Dsl. Roll Guard Canopy, 15x38 Rubber
JD 2240 Dsl., 1300 Hrs., Very Nice
JD 2630 Dsl., Very Nice
JD 2440 Dsl., PTO, 38" Rear Rubber, Good Condition
JD 2440 Dsl. w/28" Rubber
JD 2030 Dsl. w/Direction Reverser
JD 1530 Dsl. w/Quick Attach Loader
JD 2020 Dsl., Very Nice
JD 730 Diesel, WF, 3 pt. & Fenders
JD 630 3 pt., Very Good
JD 70, PS, w/237 Corn Picker
IH 3788 2x2 Cab & Air, 550 Hrs., Radial Tires, Like New
IH 986 Dsl. Cab & Air, 1600 Hrs.
IH 784 Dsl. w/2250 Loader
IH 1256 Dsl., WF, 3 pt.
IH 584 Dsl., Utility, Very Nice
IH 484 Dsl. Utility, 500 Hrs., Like New
IH 560 G Fast Hitch, Extra Nice
IH 1066 Dsl., Red Cab & Air, 2600 Hrs., Excel. Cond.
IH 1466 Cab & Air, 540 & 1000 PTO Dsl., WF
IH 966 Dsl., WF
IH 1086 D Cab & Air, 2200 Hrs., Very Nice
IH 1066 Dsl. Cab, Air, Black Stripe
IH 856 Dsl., WF
IH 784 Dsl. Row Crop, 600 Hrs., Like New
IH 666 Gas, WF, Very Good
IH Super A w/Cultivators & Mower
IH 574 Dsl., Very Nice
Case 1690 Cab & Air, Power Steering, 600 Hrs., Like New
Case 970 WF, Dsl.
Case 930 Dsl., WF
IH Super MTA, WF, Power Steering
IH 656 G Hydro, 15x38 Rubber
IH 656[SOLD] ility, 3 pt.
Ford TW20 Cab, Air, Duals, Like New
Ford 7000 Dsl., Very Nice
Ford 5000 [SOLD] Dsl. 8 Speed w/Loader
Ford 4000 SU 8 Sp. w/Loader
Ford 535 w/Heavy Duty Loader, 1000 R's, Like New

CHISEL PLOWS

JD 1600 12' Pull Type
IH 5500 12' Pull Type
Taylorway 10' Pull Type
Bush Hog 12' or 14' 3 pt.
JD 1610 12' 3 pt.
JD 100 12' 3 pt.

CORN PLANTERS

JD 2 Row Tool Bar Planter
JD 7000 4 Row 30" w/Fert., Monitor, Insect.
JD 7000 6R 30" Monitor, Insect.
JD 1240 Dry Fert., Insect., Plate & Plateless

PLOWS

JD F145 3x16 Semi Mtd.
JD 2x3 Base 3 pt. Trip
JD 4 & 5 Base Semi Mtd.
JD 1450 6x18
JD 1450 4x18
JD 1450 5x20
IH 720 5x16 Spring Reset
IH 720 6x16 Spring Reset On Land [SOLD]
IH 710 6x16 Spring Reset
IH 710 3x16 [SOLD] ring Reset
IH 710 5x20 Spring Reset
IH 710 5x18 Spring Reset

HAY EQUIPMENT

JD 1209 Mower Conditioner, Late Model
JD 346 Twine Baler w/Thrower, Like New
JD 336 Twine Baler w/Thrower, Excellent
MF 120 T Baler w/Thrower
NH 851 Round Balers, Like New
NH 310 Baler w/Thrower
Fahr 16' Hay Tedder
IH 430 Baler, Very Nice
Vermeer 605 F Rd. Baler
Hawk Built Rd. Baler

CORN HEADS

AC KL 238
JD 243, 244, 343, 443, 444, 643
JD 653 Row Crop
IH 843
MF 43 & 63C, 1143

DISCS

Bush Hog Heavy Duty 12' Offset
JD 210 12'6", Very Good
JD 220 Center Fold New Blades 18'
JD BWF Wing Fold Rock Flex
JD 11' RWA
JD AW 12'6", Very Good
Athens 10' Offset
New Bush Hog 1445 Hydraulic Fold 18' Disc w/22" Blades
JD 13' 4000 Double Offset

MISCELLANEOUS EQUIPMENT

JD 700 Grinder Mixers w/Hay Attach., Very Nice
Bush Hog 4 Row Stalk Shredder
IH 7x14 Wagon w/Hydraulic Dump
NI 323 1 Row Picker
NI Trailer-Type Fert. Spreader
Bushhog 5' Rotary Mower, 3 pt. New
JD 3RN Forage Head
Cab to fit JD 4520
JD & Ford 3 pt. 6' Flail Mower
20x38-18x37-15.5x38-18x34 Duals
JD 158, 148 Loaders
Cabs for JD 1020 thru 4320
IH & Arps 3 pt. Backhoes, Like New, Both Very Nice
Soybean Choppers to Fit JD 3300 & 4400 Combines
JD 4 Row RG & RM Cultivators

TILLAGE

Brady 22' Hydraulic Fold Field Cultivator Very Nice
Brillion 11 & 14' Cultipackers, Like New
JD 10' Roller Harrow
Brillion 12' Cultimulcher
JD 1710 Mulch Tiller w/Rake, Like New Tillage
JD 16' Field Cultivator
IH Fiber Shank Field Cultivator 18' With Harrow Attach.
Glencoe 12' 3 pt. Field Cultivator
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.

COMBINES

1980 Gleaner K2, Dsl., Cab & Air, Grain Saver, Flex Grain Tabler & Corn Heads, Like New
IH 1440 Axle Flow, Cab & Air, 1100 Hrs., Very Nice
1977 MF 510 Dsl. Cab & Air, Choice of Heads
1975 JD 3300 Gas, Cab & Air, Very Nice
1974 JD 7700 Dsl., Turbo Hydro, Field Checked
JD 4400 Gas, Choice of Platforms, Very Sharp
1974 JD [SOLD] Dsl., Cab & Air, w/1600 Hrs., Excel. Choice of Heads
MF 300 w/Cab, Grain Table, 2R C.H., Very Good, $6,850
IH 715 w/Cab, Very Nice, Choice Of Heads
Gleaner F w/Cab & 13' Grain Table
JD 30 Pull Type, Auger Feed
IH 82 Pull Type, Very Good
IH 820 13' Flex Head, Like New
New & Used JD 213 Flex Heads

Financing Available on Above Machines

LONG

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

TELEX 316290

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A w/Widefront $1575
(2) G ..... Choice $1575
B-Unstyled $1575
720 ..... $2450
720D-WF-3 pt.-Nice $3500
R-New Paint $3500
730D-Try-3 pt.-Direct Ele $3950
820-2 Cylinder-Clean $4250
4010-Gas-Cab-Nice $4950
4020D-Diff.-1967-As Is $6200
650-4 WD w/Mower-200 Hours $6500
4430-4 Post-20.8x38-1975 ..... $7900
4520-Nice $8800
4020 Diesel-Console-Clean $9950
4320-4 WD $11,200
7520-4 WD-Nice-Air-3 pt. & PTO ... $14,900
4230-4 WD-Cab-Quad-Excellent ... $16,800
3020-Gas ..... Coming in

FARMALL TRACTORS

H-Fenders-Clean $1475
Cub Lo Boy-As Is $1750
560 Gas-New Paint-As Is $2500
154 w/Mower & 3 pt. $2500
340-Try-PS-FH-Nice $2950
184 w/Mower $3000
350D Utility w/Loader & Plow $3450
560-D-WF-FH $3750
560D-Clean-Wide Front-FH $4500
70 Hydro.-As Is $4900
806D w/Cab $5900
1206 w/Cab-As Is $5950
806D w/Cab $6500
1066 w/Rops-No TA-1974 ..... $6700
656D-Hydro-Clean $6950
856 w/Cab $7950
1466-Cab-Nice-1971 ..... $9700
584 Diesel-1980-1100 Hours $9800
1066 w/Cab & Duals-1972-Nice $10,300
1466-Cab-Air-Nice-Weights-1973 .. $10,800
886-Cab-Air-Wts. $18,500
784-Cab ..... Coming in
784-4 WD-Cab ..... Coming in
574-Cab ..... Coming in
1300 Hours - Like New

FORD TRACTORS

(2) 6000D ..... Choice $2500
3000 Gas w/Loader $5950
4400 w/Loader $6400
5000D-1973-High HP $6450
6600D-Flat Deck-1976 ..... $8400
4600D-1981 ..... $8900
9700-1977-Cab-Air-Duals-Nice $17,800
7600-Cab ..... Coming in
6600-Cab ..... Coming in
4000-Cab ..... Coming in
8000 ..... Coming in

CASE TRACTORS

1070 w/Cab-As Is $5450
1030D w/Cab $5750
1030 w/Cab-Clean-Low Hours $5950
970D w/Cab-Sharp $7950
2670-Cab-3 pt.-PTO $16,900

ALLIS CHALMERS TRACTORS

D14 w/Loader-Nice $3500
D19D-WF $3500
D19D w/Loader $3900
(2) 7000-As Is-Rops ..... $4900 ea.
7000-As Is-Cab $5900
190 XT $5950
220D w/Cab-Very Nice $8950
200 w/Cab-1975-Low Hours $8950
220 ..... Coming in

MASSEY FERGUSON TRACTORS

30-Needs Tune Up $1650
Ferg 20 w/Loader $2500
Ferg 30 w/Loader-Nice $3750
165 w/Loader-Gas $5950
1080D-1969 ..... $6900
1085D-1977 ..... $7900
165 w/Loader-Diesel-Nice $7950
1150-Cab-Duals-Turbo-Sharp $8950
1805 w/Cab & Duals-1975-Nice $15,950

DEUTZ & LONG TRACTORS

Deutz 6806-Orchard Special $6900
310 4 WD w/Loader ..... New
360 4 WD ..... New
460 4 WD ..... New

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

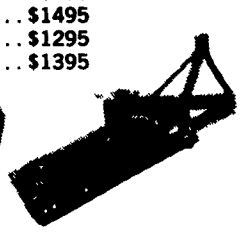
SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt. $385
5' 3 pt. $395
6' 3 pt. $645
7' 3 pt. $1395
4' pull. $545
5' pull. $595
6' pull. $795
7' pull $1495
5' 3 pt. Estate-Hd $1295
6' 3 pt. Estate-Hd $1395

3 PT. ROTOVATORS

60" $1095
72" $1395
88" $1695
MORE SIZES AVAILABLE



3 PT. SCRAPERS, ETC.

6' Blade $175
7' Blade $195
8' Heavy Duty Blade $595
6' Landscape Box... $495
7' Landscape Box... $595
6' Stone Rake $495
7' Stone Rake $550
8' Stone Rake $595

OTHER NEW BARGAINS

3 pt. Cement Mixers $695
6½' 3 pt. Disc $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole-H. Duty $179
12" 3 pt. Post Hole Digger-H. Duty $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1595
1200 Bushel Corn Crib $895
3 pt. Hay Rakes-& Tedders $495
6 Ton Wagon $450
8 Ton Wagon w/Extra's $550
10 Ton Wagon w/Extra's $625
11 Ton Tandem Wagon w/Extra's $895
3 pt. Woodsaws $450

OLIVER & WHITE TRACTORS

1800D-WF-3 pt. $3900
1650-Gas-New Tires $4500
MM Super 670 Gas-Clean $4950
MM G1000 Vista $5950
Oliver 2150 w/Cab-Nice $6950
1355 w/Loader-Sharp $7950
2-62-1980-Low Hours $9900

PLOWS

JD 145 4x16 Semi
JD 145 5x16 Semi
JD 145 6x16 Semi
IH 4X Pull
IH 3x16 FH
MF 5X Semi
JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
JD 1X Reset Add On
AC 3X SC
Oliver 2X 3 pt.
Oliver 3x14 3 pt
Ford 2x12" 3 pt.
IH 1X FH
IH 4X Reset-Semi
IH 2X 1 pt. FH
IH 710 - 6x16
White - 4x16 Reset
White - 5x16 Reset
IH 1X Cub
IH 550 5x16 Semi
IH 710 5x16 Semi

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
Woods 42" For Cub
JD 5' 3 pt. Rotary
Mott 4' 3 pt. Flail
6' 3 pt. Bush Hog
Deutz Fahr KM 22
IH 3 pt. Sickle

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

POTATO EQUIP.

Iron Age 2X Planter
1 Row Digger

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt.
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt.
IH Super "A"
IH 468 4X Front Mtd.
Pittsburg 6X 3 pt.
IH 4X Front Mtd.
JD 6X 3 pt.

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt.
11' Drag

SPREADERS

NH Tandem Axle-250 Bu.
Clay 1500 Gal. Honey Wagon w/Injectors

MISC. EQUIP.

(2) 4X Pull Stalk Chopper
Lely Roterra
Danuser 3 pt Post Hole Digger-Heavy Duty
Swartz Mixer Wagon
Corn Drags
Ferg 3 pt. Rake
Hesston 10 Stacker
JD 8300 Drill
LG 36' Elevator
IH 5100 Drill
IH Cub & 140 Attachments
Brillion Seeder

DISC'S

IH 10' & 11' Transport
Kewanee Rock Flex-13'
JD KBA 28 Transport
JD KBA 28 Drag
IH 350 Transport-13'
JD Plowing Disc-11'

TRANSPLANTERS

2 Row - Pull & 3 pt.

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Pull-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt.
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
MF 2X 3 pt.
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

LOADERS

MF Off 165
Loader Off AC D19
IH 34 Off 340 Utility
Ford Off 8N & 800
Freeman Off 880 Brown
AC Off 1600
IH Off 464
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Loader Off MF 202

CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. $1595

CRAWLER LOADERS

Oliver HG. $2400
Cat 933G $6700
JD 1010 w/Ripper $6900
AC HD3 ..... $6900
IH 150 w/Cab $8900
IH 100C w/4 in 1 ..... $13,600
JD 450C w/Ripper $16,500
JD 350B w/Backhoe $16,600
IH 125E $23,700
Cat 941 w/4 in 1 bkt $23,700

MISC. CONSTRUCTION

(60) Used Hoe Buckets ..... From $100
(30) Loader Buckets ..... From $100
(30) Set Forklift Forks ..... From $300
JD 540C Ripper $1750
JD 350 Winch Attach. $1,850
Case 350 Winch $2,500
Sheepsfoot Roller-Nice-9' $4,500
AC D Grader $5,900
Prentice G Log Loader $7,900
Gallon 503A Grader Nice $10,400
(6) Winches ..... Call

SKID STEER LOADERS

Gehl - As Is $1900
Case 1740D $5800
Melroe 731D $6800
IH 4150 Diesel $8300

BACKHOES

Case 420-As Is $3500
MF 202 ..... $4900
Ford 800 ..... $5600
Case 580-As Is $5900
Ford 4500 ..... $9600
IH 3800 ..... $9900
Ford 5500 ..... $12,800
Case 580B $13,250
Case 580B $13,400
Case 580B $13,500
JD 310 ..... $13,700
Case 580C $18,400
Case 580C $19,800
JD 410 w/Cab ..... Coming in
JD 310 w/ROPS ..... Coming in

LOG SKIDDERS

Dunham-1975 ..... $8900
Athey $9200
JD 540A-1972 ..... $11,800
Clark 666B-1975 w/Grapple $19,700
JD 440C-1978 ..... $23,600
JD 440C-1978 ..... $23,800
JD 440C-1980 ..... $25,300
JD 640 ..... $28,900
JD 640 w/Grapple $29,900

DOZERS

Oliver HG-Bare $1800
IH 340 6 Way $3900
AC HD5 w/Ripper $3900
JD 430 ..... $4800
IH TD6-62 Series $5900
Case 350-6 Way-Winch $7800
Cat D4C $12,700
Case 350B-6 Way-1979 ..... $18,200
Case 350B-6 Way $18,600
Cat D8H $24,700

TRAILERS

1985 2X 4 Ton $1595
1984 2x6 Ton $3250
9 Ton Gooseneck $3450
1985 3X 9 Ton $3900
1985 2X 12 Ton $5800
1981 Delta 48' Drop Deck $14,950

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From $38,600
Mack 35 Ton $44,900
(3) Mack 20 Ton Rock Trucks $84,700

BACKHOE ATTACHMENTS

JD-Ford-IH-Case-AC-Long-Sherman

FORKLIFTS

4000 lb., Solid Tires, Side Shift $2300
Clark 8000 lb. $6900
Int. 4500B-21' $12,600
Toyota 8000 lb Diesel $14,500
MF H30 Diesel-1979 ..... $15,900

RUBBER TIRED LOADERS

Trojan $7900
Case W9 ..... $8900
Ford A62 ..... $26,200
AC 605B $26,600
Ford A64 ..... Coming in
Ford A66 ..... Coming in

TRACTORS WITH LOADERS

Ferg 20 ..... $2500
IH 350 ..... $3450
AC D14 ..... $3500
Ferg 30 ..... $3750
Ford 3000 ..... $5950
MF 165 ..... $5950
Ford 4400 ..... $6400
MF 165 ..... $7950
Oliver 1355 ..... $7950

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

LONG

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

TELEX 316290

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

TRACTORS-COMBINES-CONSTRUCTION

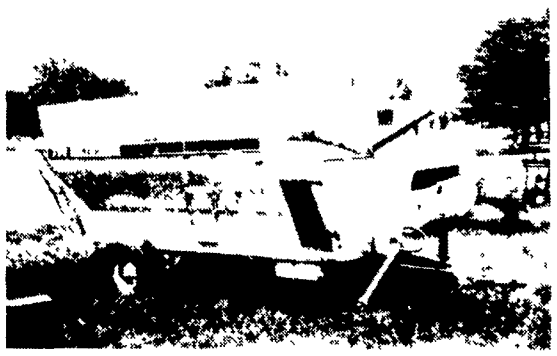
COMPLETE RUNNING ENGINES FAN TO FLYWHEEL

AC 2 Row for A E, K, E III, F - From $500
AC 3 Row for A $2500
AC 4 Row for G, C, C II L, M F From $750
AC 6 Row for C, C II, G - From $2500
JD 2 Row for 40, 45, 55, 95, 3300, 4400 From $200
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc - From $850
JD 6 Row for 6600, 7700, Etc - From $5950
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715 - From $350
IH 3 Row for 203, 205, 315, 403, 715, QT From $850
IH 4 Row for 403, 715, 815, 915 - From $1000
IH 6 Row for 815, 915 - All QT - From $3500
MF 2 Row for 300, 410 - From $200
MF 3 Row for 300, 410, 510 - From $1000
MF 4 Row for 410, 510, 750, 760, Etc - From $1500
MF 6 Row for QT - $3000
Oliver 2 Row for 25,525 - From $250
Oliver 3 Row for 525, 535, All QT - From $1000
Oliver 4 Row for 545, 555, All QT - From $1000
Case 2 Row for 600, 660 - From $250
Case 3 Row for 600, 660, 960 - From $1500
Case 4 Row for 1160 - $875
NH 4 Row for 975, 985, All QT From $2000

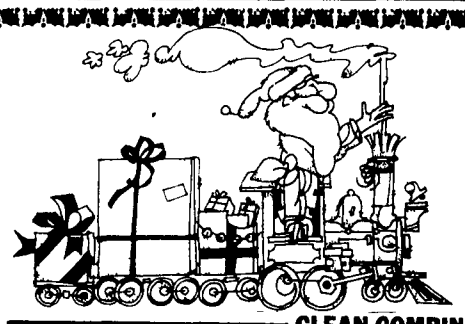
MAKE AN OFFER

MUST REDUCE INVENTORY

Come Look, No Reasonable Offer Refused



SCHWARTZ 760 MIXER WAGON, Heavy Duty Inside Augers, Original Paint, Operating Condition $3500



Holiday Greetings

We know we're on the right track when we say "Have a wonderful Christmas in every way and thank you dear friends!"

CLEAN COMBINES PRICED REASONABLE

MAKE AN OFFER

IH 82 Pull Type
JD 6600 Diesel Hydro
IH 205
JD 3300 Diesel

IH 315
(2) MF 300 QT
MF 750 Diesel
White 7300

Case 600
IH 615 w/800 Head
MF 72 w/Heads

BALERS

NH 315 w/Thrower
Ford 530 | Case 220
Extra Throwers | NH 66

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
IH 1206 Cab
JD 2 Post Rollbar
JD 4020 Cab
DB 1200 Cab
Case 1030 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
AC 7000 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach.
NI 317 Grinder Attach.
NI 318 Grinder Attach.
IH 234 Sheller Attach.

TRUCKS

1970 Ford 900 Single Axle Construction Dump $7700
1947 Ford Fire Truck $2950

WAGONS

Metal Bale Throw Racks
Flat Bed Wagons

HAY TEDDERS

JD-Grimm-Nickelson
Niemeyer

HAYBINES

NH 478 | IH 1190
NH 489

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 325 w/Super Sheller
NI 325 w/12 Roll Bed
NI 323-Demo
(2) NI 323 - Used
NI 10 1X Pull

FLAIL CHOPPERS

NH 36

HARVESTER HEADS

NH Pickup for 717-770-818-880-890
NH 1X Corn for 717-770
NH 2x30 Corn for 717-770
NH 1X Snapper for 770-717
NH 2x30 Snapper for 880-890
NH 3x30 for 880-890
NH Cutterbar for 880-890
JD 243 2x30 Snapper
JD 3x30 Corn for 38-3800
MF 3x30 for 260
JD 2x30 Corn for 38-3800
NH 2x40 for 880-892
JD Pickup for 38-3800
Fox 2x30, 2x40, 3x30 Snapper Head
Fox 2x30 Corn
Fox Pickup
IH 2x30 Corn for 50 thru 650
IH Pickup Head for 15-16-350-50 thru 650
IH Cutterbar for 50 thru 650
JD Pickup for 3940 or 5440
JD 34 Cutterbar
JD 2x40 for 38-3800
Gehl 3x30 Belted
JD 34 Pickup
NH 2x40 for 717-770
IH 3x30 Belted

LOTS OF EXTRA COMBINE GRAINHEADS TO FIT MOST MACHINES

DUALS

18 4x34 MF
18 4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18 4x38 Snap On
20 8x38 Snap On

FIELD CULTIVATORS

IH 12' 3 pt. | JD 18' 3 pt.
JD 12' 3 pt. | Glenco 13' 3 pt.

COMPLETE 4 WD Unit For IH 806 $3500

FORAGE WAGONS

JD 214 | NH 7
Fox 625 | Gehl

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 3x30 Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head

◆◆◆◆ USED PARTS ◆◆◆◆

East Coast's Best Selection

JUST INSTALLED . . . WE HAVE NATIONAL COMPUTER PARTS LOCATOR SERVICE

(100) COMBINES - DISMANTLED FOR PARTS

JD 7700-6600-4400-3300-95-55-45-40-12A-42
IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper-60
Gleaner CII-EIII-A-E-60-F
Uni 705-704-702-701-710-Etc
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535 Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED FOR PARTS

JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 890-880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLED FOR PARTS

NI 331-311-305-10-7-323
Ford Blue 1 Row & 2 Row
JD 237-227
Woods
IH 2MHD-2MH-2ME-234

LOTS OF OTHER ITEMS NOT LISTED

HAYBINES - DISMANTLED FOR PARTS

IH 225-201-990 | OMC 29-25
Hesston PT10 | NH 490-460-479
JD 480 | Case 950

CONSTRUCTION - DISMANTLED FOR PARTS

AC HD3, HD4, HD5, HD6, 1600, 655, 615
Case 310, 320, 350, 530, 580, 680, 580B, 1000, 420, W3
Cat D2 5U
Cat D4 7U, 6U
Cat 933 11A, 42A
Cat 955H 60A
Cat 977 20A
Ford 4500-5500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010, 2010
JD 440A, 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500, 1010, 440
Oliver HG, OC3
MF 202, 302, 200

(50) BALERS - DISMANTLED FOR PARTS

JD 336-214T-24T-14T
MF10
NH 280-271--269-78-69-68-67-66-77
AC 303
IH 57-47-37-27-55-45
Case 230-200
Oliver 720
Ford 530

FARM TRACTORS THAT HAVE BEEN DISMANTLED FOR PARTS (Over 2000)

AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.

Case: 1070-970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-1200-990-880-Etc.

Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-8N-Etc.

IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.

JD: 4430-5020-4520-4020-3020-2520-2020-5010-4010-3010-2010-2510-1010-435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.

MF: 1130-1100-1080-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.

Long: 560-460-445-360-350-Etc.

MM: G1000 Vista, G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.

MH: 444-44-33-101-30-22-Junior-Pony-Etc.

Oliver: 1950-1850-1755-1750-1650-1550-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY

Phone 717-866-2135 (Please, No Calls After Hours)
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NEW or USED, FARM or CONSTRUCTION

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ALL OTHER ITEMS — MAKE OFFER

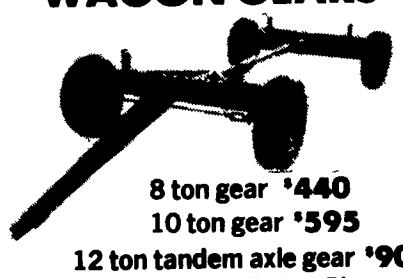
This Coupon Must Be Presented

FOR SALE

MF 180
MF 2705, 24 speed
MF 265
(2) MF 165
Int. 1566
MF 1135 w/duals, cab & air
MF 1155 w/cab & air
200 Bushel Gravity Bin w/8 ton running gear
Brady 12' Field Cultivator
IH 3200 Skid Loader
NI 218 Manure Spreader

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

WAGON GEARS



8 ton gear $440
10 ton gear $595
12 ton tandem axle gear $900
Gears w/8"x15" rims 5' tongue
5'-7' Adjustable Tongue $25 extra

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New Holland, PA 17557
717-656-9876

Dismantling Combines for parts over 300 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 915D, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L, G & K. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI UNI-702, NI Uni - 705D, combine & shellers, Case 800 & 660, 600, MM 5297, Ford 622, JD 6600, Combines Straw Choppers for most makes & models, $100 & up.

COMBINES

IH 91 w/2 row 38" & grain
Massey 82 w/10' grain & 2 row 38"
1972 NH 985 dsl. w/13' grain & 4R 38" quick tach, real nice
Massey 300 w/grain w/3 row 30" & 2 row 38" corn head
AC 60 pull type, nice
IH 80 pull type Auger feed
915 Diesel w/4 row 38" SOLD w 30" & grain, $13,500
JD 6600 Gas w/grain head $10,500
Massey 72 w/10' grain & 2 row, cab & P/S
Massey 300 quick tach, cab, grain & 2 row corn
Int. 315 hydro cab and grain, 2 row corn
Gleaner C-2 diesel w/cab & grain and 4 row corn
IH 205 w/cab & 10 ft. Grain Corn Head
AC Gleaner G w/4 row corn, $6,950
Gleaner E 10' Grain 2 row 38" or 3 row 30"
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain & 3 row 30"
IH 503 Diesel, cab and grain & corn head $5500 SOLD
E Gleaner, cab & 10' head, $3000
JD 4400, cab & head
C2 Gleaner w/2 heads
JD 6600 Diesel w/grain head, $9500
JD 4400 Diesel w/grain head, $10,500
Gleaner M Diesel w/grain head & 4 row corn head, $12,500
IH 80 7' pull type auger feed, $875

TRACTORS

AC CA w/hyd. & wide front end
IH 240 w/fast hitch
Case 300 w/3 pt.
Case SC w/hyd. & wts Sharp
IH 400 Gas w/fast hitch, $2200 Needs clutch or TA work.
Farmall Late H, excellent cond.
MM Model Z tractor
IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd from $700 to $875
MF 2745 cab duals, 1200 hrs., $15,500
Case 1370, 165 HP, as is $6500
AC crawler w/blade, $1275
Case SOLD ully & Hyd.
2 Massey 101 Tractors
AC Model C w/cultivator & plow

CORN HEADS

IH 3 row 30", fits 303, real nice, $1250
Gleaner K 10' grain head. Black reel & auger, like new
MF 2 row 38" fits 300, QT, $750
(2) IH 744 4 row 39" corn heads
Gleaner K2 row corn head
Gleaner G 4 row 38"
Gleaner G 4 row 40"
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
JD 4 row 30" fits 95, $1500
JD 6 row 30" fits 105, $1175
IH 3 row 30" fits 615, $1500
IH 2 row 38" fits 615, $775

PICKERS

Farmall SOLD W/NI mtd picker, $1500
MM picker, 1 row, $350

MISC.

IH 5x16 semi mtd plow, $1275
IH #5 Flail Chopper $950
NH corn stalk attach for NH balers $275
IH 56 4 row no til planter.
2 IH 6 row 30" 400 air planters, choice, $1275
IH Loader, fits H or M, $250
Snow blade for the same, $125.
NH 354 Grinder mixer, real clean, $3500
Flat wagon w/NH Gra SOLD box, $700
3 axle 30' trailer to haul round bales $875
AC 14' wheel disc $1275
Trailer ty SOLD hisel plow $40
NI 213 3 beater spreader
NH tank spreader $475
IH 8 ft. Wheel Disc
NI 12' flail mower
JD 1450 6 btm-16" plow, real nice, $1750
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Bu-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
JD 40 8' grain head
AC 3 row 30" for E&K
Ford loader, hyd. bucket & pump. Fits 8N or 9N
Horn 2R stalk beater

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 806, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC "B", AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
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USED TRACTORS

JD 4320
AC 6080 w/Cab
AC D17
AC D14
AC170D
AC 7040 PS
Ferguson 30
MF 165 G
MF 175 D
MF 285
Ford 8N

NEW TRACTORS

AC 6140
AC 6060
AC 6080
AC 6080 FWD
AC 8030 FWD
AC 6070
MF 290

NEW EQUIPMENT

Gehl:
960 Forage Box
3510 Skid Loader
750 Harvester
1250 Harvester
99 Blower
650 Forage Box

Vicon:
Wheel Rakes
Rake Tedders
Mower Conditioners
Seeders
Special Fall prices available on all Vicon products

Bobcat:
743 Skid Loader
642 Skid Loader

E-Z Trail:
Wagons
Gravity Boxes

JM Gravity Boxes

Meyers:
Manure Spreaders
Feeder Wagons

Knight
Manure Spreaders

Bushog:
Mowers
Chisel Plows

Amco
Disc Harrows 10½', 12' 18' in stock

Glenco:
Soil Savers
Field Cultivator

Woods Mowers

USED EQUIPMENT

Skid Loaders.
Gehl 4400
Case 1537
(2) Owatonna 1700

Forage Boxes.
(2) Badger
Kasten
Oliver Transport
Disc
5' Rotary Mowers
(2) Gehl 99 Blowers
J D 35 Forage Harvester

Mower Conditioners.
MF 925
NH 469
NH 489
IH 990
Hesston 310
Vicon 240
Little Giant Elevator
MF 43 Grain Drill

Combine:
Gleaner F w/2 heads

Peterman Farm Equipment
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Stihl Chain Saws
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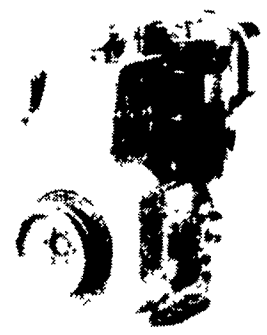
Carlisle, PA 17013

MF

ALLIS CHALMERS

Truckload Sale Of New LOMBARDINI DIESELS
MODEL 710



- 8½ HP CONT. at 2,000 RPM
- 12 HP SAE at 2,000 RPM
- 11 HP CONT. at 3,000 RPM
- 15 HP SAE at 3,000 RPM

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Four cycle air cooled single cylinder diesel engine with rope start, oil filter, oil bath air cleaner, muffler, engine mounts, manual throttle and stop levers, fuel tank, manual compression release, dynamic balancing, rope, tool set, maintenance and parts manual.

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Badger

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OREGON ILLINOIS 61061

bobcat

USED EQUIPMENT

Tractors
Cab for 966 or 1066
Farmall H
Farmall M
Farmall M w/2ME Picker
Farmall M w/Myers Snow Plow
IH Farmall 656 D Hydro
IH I-544 Gas
IH F460D
IH F826D
IH 234D
F966D, No Cab
IH F966D w/Cab & Duals
JD 1010
JD 2440 w/Loader
Oliver 70

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 450, 3F Plow
IH 531 Plow
IH 560 Plow
IH 550 Plow
IH 2F Trailing
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
AC 2-Way For Model B
Case 4F 16" Plow
JD 5F Hydraulic Reset
Dunham 8 pt. Chisel Plow

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead
IH 810 13-ft. Header
JD 45 w/2 Row Cornhead and 10 Ft. Grain Head

Tillage
IH 8 Ft. Disk
IH 9A Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk
Oliver 36 Disk
Ford 12' Disk
Brillion 16' Cultipacker
Kewanee Culti-Mulcher

Skid Loaders
IH 2001
IH 2350
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Dunham

Cornpickers
IH 234 Snapper Unit
Oliver 2-Row

USED EQUIPMENT

Lawn & Garden Tractors
IH Cub 154 Lo Boy w/mower
IH 125 Cadet w/Mower
IH 147 Cadet w/Mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH Cadet Blades
IH Cadet Snow Blowers
IH 60 Riding Mower
Case 80 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
Ford LT75 w/Mower
Wheel Horse 14 H.P.
Brinly Disks
Brinly Cultivator
Brinly Plow
Power King 42" Snow Blower

Planters
IH 400 Cyclo 4R
JD 1250 6R
Ontario 14x8 Drill
IH 449 4R
IH 500 6-Row
IH 56 6 Row
Vicon 600 Seeder

Miscellaneous
200/300 Gal. Sprayers

Forage Equip.
Dion Model 60 Blower
JD #6 For. Harvester
IH 350 For. Harvester
IH 550 For. Harvester
IH 650 w/2 Heads
IH 830 Harvester
Grove 14' For. Box
IH 56 Blower
Gehl 99 Blower
Badger Blower
NH 23 Blower
AC 7' Mower For Model B
IH 110 Mower
IH 990 Mow. Cond.
IH 420T Baler w/Thrower
IH 430T Baler w/Thrower
IH 47 Baler
AC 303 Baler
NH 90 Bale Stacker
Woods Rotary Mowers
JD 14 Ft. Rotary Cutter

Spreaders
IH 550
NI 213
NH 679
NH 345 Tank
Hawk Built 187
Calumet 3250 Gal. Tank
Calumet Pit Pump

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During the Holiday Season more than ever, our thoughts turn gratefully to those who have made our progress possible. And in this spirit we say, simply but sincerely

Thank You And Best Wishes For a Merry Christmas and Happy New Year

ERB & HENRY EQUIP., INC.

Lawrence, Butch And Sandy

Parts Dept. / Hen, Ken & Tiny

USED EQUIPMENT

TRACTORS: (Waiver til 6/1/85
(2) IH Farmall "C"
IH 674 Diesel
Farmall Super C w/Fast Hitch & Cult
Farmall MTA
AC Model "G" w/cult, Plow, Sickle Bar-Real Nice, $1,800
Farmall 400
Int F12 w/cult.
IH 450 Gas, wide Front — $1950
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower
Long 560D - 3 pt, PS, 1260 Hours, $3,500
MF 33 w/3 pt. Hitch
IH 240 w/Fast Hitch
JD "B", Hand Start, Lift with 1-Bot Plow & Disk — good shape!—$1,850

TILLAGE: Waiver Til 3/1/85
Athens 11 Ft. Chisel Plow, 3 pt Hitch
Brillion 16' Single Packer, Like New
(2) Brillion 6 ft. Single Packers
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
IH 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd Plow
IH 440 4-Bot. Plow
IH 540 4-Bottom Semi Mtd. Plow
IH 10 Ft. Offset
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult, 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $1,800

MATERIALS HANDLING: Waiver Til 3/1/85
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
MF 711 Skid Loader w/Bucket
IH 2000 Loader, Less Bucket, Mount for IH 275

PLANTERS: Waiver Til 5/1/85
JD 1250, 6-Row, Dry Fert., Nice Shape!
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert, 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult, Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New

HAY & FORAGE: Waiver Til 6/1/85
IH No. 51 Forage Wagon
NH No. 26 Blower
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
(2) NH No. 6 Crop Carrier Forage Wagons - good shape!
1014 Hesston Mower Cond.
NH 269 Baler w/o Thrower
IH 420 Baler w/o Thrower
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH No. 14 Rake
Int. 56 Blower, Rebuilt

OUTDOOR POWER EQUIP.
IH 72 Cadet w/Mower
IH 149 w/42" Mower
IH 154 w/60" Mower
IH 184 w/60" Mower
Cub Cadet 129—Mechanic's Special
(2) Cub Cadet 108's w/Mowers
Cub Cadet 106
Cub Cadet 127
(2) Cub Cadet 105's w/mowers
MF 340 Snowmobile, Good Shape — $750
Wheelhorse 16 Hp Twin
Ford Model 125, Hp w/Mower

USED EQUIPMENT

COMBINES: Waiver to 9/1/85
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape!
MF Model 300 Gas, 222 Hd., & Platform - Rough Cond. — ~~$1,200~~ Now $700
810 13' Cutter Bar, Like New
IH 430 WN 30" Cornhead
IH 503 Gas Hydro w/6-Row 30" Head & 13' Floating Platform, Excellent Shape
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
NI 324 2-Row Pull Type, Big Husking Bed, Nice Shape
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start, Pull Type or Skid Mount Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,150
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
IH 80 Snowblower, Like New!
(4) Cushman Golf Carts — $250 ea., in running cond, Also 2 for parts, not running, $150 ea.
New Midwest 9' Grain Body For Truck, — $1,350!
Athens 15' Bat Wing Mower (In Stock)
Melroe No 600 Rock Picker
ROSCO 1 to 1½-Ton Roller, 7 HP B&S Engine, Nice Shape — $2,000

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484, HD Axle, F&R Trans w/KMW Loader
Hydro 84 Row Crop
684 Row Crop
784 Row Crop
884 Row Crop
3088 (2 In Stock)
3488 Hydro, ROPS
3688, Cab
5088 (2 In Stock)
5288 Rental Unit
5488

Combines:
IH 1420 & 1460

Planters:
800, 4-Row Plate
800, 4-Row Air
800, 6-Row Air

Grain Drills:
5100, 18x7 Plain
5100, 16x7 Plain

Cultivators:
183, 4-Row Wide
181, 15' Rotary Hoe (2)

Soil Preparation:
145, 3-Furrow Rollover
735, 6-Furrow

Chisel Plows:
5507, 3 Pt.
5511, 3 Pt.
5513, 3 Pt.
6511 Consertil, Demo
6514 Consertil
4623 Field Cult. Trailing, Demo.

Sub-Soilers:
No. 10 Subsoiler Chisel, 5 Shank (2)
No. 14 Auto. Reset, 5 Shank (2)

Disk Harrows:
475, 11'6, 7½" Spacing, Std. Gang
496, 18'7, 7½" Spacing, Cushion Gang
496, 19'1, 9" Spacing, Cushion Gang
496, 22', 9" Spacing, Cushion Gang
496, 18'7, 7½" Spacing, Std. Gang

Packer Mulchers:
415, 12'2
415, 13'2
415, 14'2
415, 20'10

Hay Equipment:
3450 Round Baler
1190 Mower Cond., 9' (2)
1490 12' Center Pivot
35 Hyd. Drive Rake

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781 & 881 Models
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2350 Loader
530 Spreader
540 Spreader
550 Spreader
595 Spreader
1350 Grinder Mixer

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★ Myers Forage Wagons
★ Myers Snow Equipment
★ Farm Bilt Hay Wagons
★ Sprayer Parts headquarters
★ Northwestern Skid Loaders
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★ Trailblazer Foam Markers

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(1) 323 NI Single Row Corn Picker $2,400

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(1) Farmall M Trac. $1,295

(1) JD 4320 Trac.

Best Wishes

Here's hoping you receive many fun-filled surprises!

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B&R FARM EQUIPMENT

NEW EQUIPMENT

AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(2) AC 6080 2 WD
AC 16 ft. S-Tine Field Cultivator
AC 6070 FWD
AC 6080 2 WD w/Cab
AC 8030 FWD
AC 1200 15½ Ft. Field Cultivator
AC 1200 16½ ft. S-Tine Field Cultivator
AC 1500 Min-Till
AC F3 Combine w/Floating Cutting Bar
NH TD 50 Disk
w/$1500 Factory Rebate

USED TRACTORS

AC 175 Diesel
MF 1135 Diesel w/cab, heat & air
AC 7040 w/Cab, Heater & Air

USED HAY & FORAGE EQUIPMENT

2 NH 717 Forage Harvesters
JD Tank Spreader
Hawkbuilt Model 257 Tank Spreader
Gehl 600 Forage Harvester
IH 555 Forage Harvester w/2 Heads
NH No. 7 Forage Wagon w/new running gear
NI Rake
NH 77 Baler w/ Motor Thrower
JD 24T Baler w/ Kicker
NH 268 Baler
NH 269 Baler
Lely 4 Wheel Rake
JD 14A Crop Chopper
AC 2000 Series 4 Bt. Plow Auto Reset

SPREADERS

NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)

RD 1 Beavertown, Pa. 17813
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NEW TRACTORS

JD 2440 Dsl.	Call For
JD 2750 Dsl. TSS w/hi-lo	Prices
JD 4250	

NEW MACHINERY

JD 466 & 450 Spreaders	
JD 215 Disc Harrows	
JD 315 13' Disc	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 2600 5Bx18" Plow	
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 16x10 FF Drill	$4,000
JD 21x7 Drill	
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 & 1275 Running Gears	

Century sprayer ground driven 500 gal
Little Giant Elevator 38' w/hood & down spout

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H	$9,500
1981 White Combine 7300 w/704 N 4 Row Corn Head	$20,500
JD 4400 Combine 1977 Model, Motor Completely overhauled, JD 443 Corn Head & JD 213 Platform	
L2 Gleaner Combine, Corn & Soybean Special, Mod. 1978 w/A630 Corn Head, A438 Corn Head, 15' Platform	
JD 750 Tractor, 2 Wheel, PS	$6,500
NI Mower Conditioner 9'	$2,500
NH 513 Spreader	$1,200
18' Westgo Field Cult.	$1,200
IHC 720 Forage Harvester 2 R.C.H. & Pickup Head	$3,500

WALTER'S SALES & SERVICE, INC.
RD 2 Box 49 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

R.T. MARKLE FARM EQUIPMENT, INC.

1841 Pine Hall Drive
State College, PA 16801
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FOX BRADY
NEW IDEA FARM EQUIPMENT

Seasons Greetings

FIELD READY EQUIPMENT
NEW EQUIPMENT
CLEARANCE SALE - GRAIN BOXES

	List	SALE
McCurdy GB230 184 Bu. Grain Box	$819	$595
McCurdy GB275 220 Bu. Grain Box	$927	$675
McCurdy GB375 300 Bu. Grain Box	$1,754	$1,000
McCurdy 12 Ton Running Gear w/Wheels	$1,830	$1,350
McCurdy 10 Ton Running Gear w/Wheels	$1,009	$750
McCurdy 8 Ton Running Gear w/Wheels	$962	$700
McCurdy 12' Augers	$683	$500
Kill Bros 350 206 Bu. Grain Box	$902	$600

NEW EQUIPMENT

	List	SALE
IH 3088 4WD Tractor	$48,484	$36,000
IH 1190 9 Ft. Mower Conditioner	$9,789.50	$6,995
IH 781 1000 RPM Forage Harvester w/Hay Pickup & Corn Head	$16,597	$10,995
IH 3450 Round Baler	$11,370	$8,600
IH 3650 Round Baler	$14,350	$11,000
IH 720 Semi-Mounted 5 Bt. MB Plow	$10,380	$7,000
IH 720 Semi-Mounted 4 BT MB Plow	$9,717	$6,000
IH 475 Disk Harrow, 11 Ft.	$5,856	$5,000
IH 5500 Chisel Plow, 7 Ft.	$2,791	$2,300
IH 6500 Conser/Till 11 Ft.	$7,484	$6,400
IH 800 Corn Planter	$11,933	$9,450
IH 5100 Drill 16x7	$6,343	$5,500
NI 60'x10" Auger Elevator	$4,917	$3,950
NI Double Spinner Spreader	$1,235	$1,100
NI 768 Uni Row Crop Head	$7,302	$4,100
NI 329 Sheller Unit	$5,362	$4,600
Fox Brady 2310 Forage Harvester	$8,773	$7,400
Fox Brady 746 Corn Head	$3,387	$2,500
Fox Brady 12 Ft. Stalk Shredder	$5,500	$4,200
Fox Brady 822 8 Ft. Chisel Plow	$2,600	$2,300

USED EQUIPMENT

NI 324/327 2 R/Wide Corn Picker Coming In	$4500
NI 213/215 Manure Spreader	$995
NI 710 Uni Combine Unit	$2,795
NI 729 Uni Sheller Unit	$1,200
NI 702 Power Unit	$4,000
NI 711 Grain Platform	$1,000
IH 76 1956 Model Pull Behind Combine Ex. Cond.	$750
IH 420 Hay Baler	$600
IH 2 Bt. Trailing Plow	$250
JD 1240 4 Row Narrow Corn Planter	$1,875
JD 494A 4 Row Narrow Planter	$1,625
White 6 Row, No-Til Planter, Ex. Cond.	$4,300
White 5400 No-Till Planter 4 R/Wide Excellent Condition	$2,800
Fox Brady 822 Pickup Head, 6½ Ft.	$1,600
Case 9 ft. Disk Harrow	$500
IH 460 Utility w/Loader Coming In	$3,750
Tire Chains For 16.9x30 Rear Tires	$300

Most Deals Require Cash on Purchase

DEPENDABLE MOTOR CO.

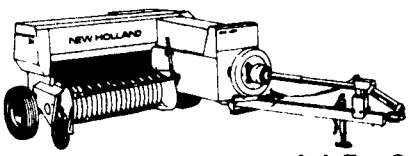
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

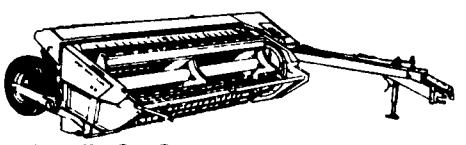
NEW EQUIPMENT SPECIALS

NH #320	$10,460
NH #70	$2,350
NH #256 Steel	$2,345
NH #311, 3 Point, PTO Baler, Hitch and Chute	$7120
NH #256 Rubber Tine Rake	$2370
NH #258 Steel Tine Rake	$2770
NH #499 Haybine	$15,900
NH #316 Baler w/70 Thrower	$10,950
NH #489 Haybine	$8500
NH #456 Mower	$2470

ONE ONLY

NH #718 Harvester (Demo)	
NH #782 Harvester, Metal Detector (Demo)	
NH #30 Blower	$2865
NH #28 Blower	$2915
NH #770W Pickup Head	$1925
NH #8 Forage Box, 3 Btr. and Roof w/234 Wagon and 13:50 Tires, Adjustable Tongue	$6875
NH #355 Grinder Mixer, Hydraulic Drive	$7430
NH #425 Skid Loader, 10:50 Tires, Less 8% & Free Bucket	$11,990
NH 425 Rental	Call





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• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL JULY 1, 1985 & FORAGE EQUIPMENT TILL SEPT. 1, 1985 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984 OR CASH REBATE

SPERRY NEW HOLLAND

DEPENDABLE IS MORE THAN OUR NAME

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USED TRACTORS

1978 AC 7000 w/Cab & Air
1978 Case 1845 Skid Loader, Gas Engine, Ex. Cond., New Short Block
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Comfort stalls, Free Stalls
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JD 1209 mower-conditioner, like new condition, non clog guards. $4,200
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Pequea hay tedder, almost new. $1,050.
Bush-Hog 14' rotary mower, good condition. $2,650.

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1206 Int Tractor, 2440 JD Tractor, NH 890 Harvester, 3 wagons, 1000 RPM blower, Full line of Hay Equipment, NH Baler & Haybine, Int 4 btm plow, JD 12' chisel plow, Ford 12' disk, Brillion 12' field cultivator, Walsh 300 gal sprayer, (2) Bin Wagons, Int 400 Syclone corn planter, Brillion 8' Alfalfa seeder, All Equipment in very good condition

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Cutter Hooks	New Steel Floors	1 - 20x50
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AC 200 Tractor w/Cab
AC CA Tractor w/ Cultivator
NI 323 Picker
NI #218 Spr. w/Upper Btr. & End Gate
NI #218 Spr. w/Upper Btr.
NH #519 Spreader
NI #213 Spreader
Used NI 737 Uni Husker
OMC 540 Staker & Mover
8C Hydra-Mac Skid Loader

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Wanted - Complete motor or tractor for parts, 1200 David Brown. Phone 301-334-9060 or write Ernest Schrock, RD1, Box 32, Oakland, Md. 21550.

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Wanted to Buy
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LANCASTER CONVEYORS	SUPREME RING DRIVE AND
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LANCASTER TAPER BOARD FEEDERS	UNLOADERS & ACCESSORIES
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LANCASTER STEEL GATES	STEINER ROLL MIXERS
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LANCASTER 36 FANS	ZIMMERMAN AND LEISS FANS
	WEAVERLINE FEED CARTS
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PARTS FOR SUPREME - VAN DALE - STARLINE - FEED EASY - P&D
Reconditioned Unloaders - All Brands

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SPECIAL DISCOUNT DURING NOVEMBER
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#70 12 14' 16' COMPLETE UNLOADERS all reconditioned	$SAVE
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1 20' CHAMPION BASIC UNIT COMPLETE W/5 H P VERY GOOD	$1800 00
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1 NEW IDEA — 1 ROW SNAPPER PICKER USED 4 YRS GOOD CONDITION	$3000 00
1 USED GAS REFRIGERATOR SINGLE DOOR CHEAP ASK FOR DAVE	
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1 8 FT P O MANURE P SOLD OOD CONDITION	

CALL US FOR REPLACEMENT BARN CLEANER CHAIN - BERG CHAIN & VANDALE CHAIN
SPECIAL PRICES TO JAN 1, 1985

PLEASE CALL: 717-299-3721 7 AM - 4 PM
WE WILL BE CLOSED DECEMBER 25 & 26
ALSO JAN. 1st.

3 SILOS AND UNLOADERS

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- LEASE FINANCING
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VIRGINIA SILO

YES I would like FREE information about:
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- ☐ Bottom-Unloading Poured Silos
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or call collect (703) 879-2541
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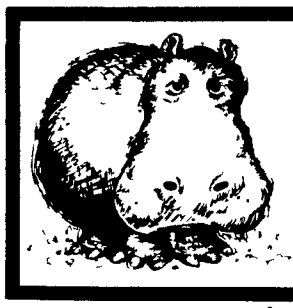

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CLASSIFIEDS

Concrete Stave Silo, 25'x55', good condition. Best offer. Take down and move yourself. Central Virginia area. 804-788-2561 or 804-283-5725.

Four 20x70 Harvester Silos, $12,000 a piece. 215-933-2223, Chester Co.

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20' Badger XP24 unloader w/7½hp 1ph 230V GE motor, used 3 years, $1,000. 301-272-3638 day, 301-272-2620 night.

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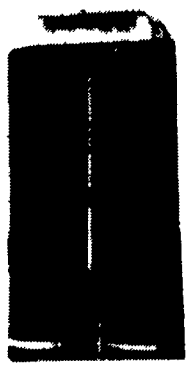

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Used Silos When Available

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* Wooden Calf Hutches
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We Buy Some Stave Silos

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Seal & Strengthen Your Silo
With Shot Crete
5 Year Unlimited Guarantee

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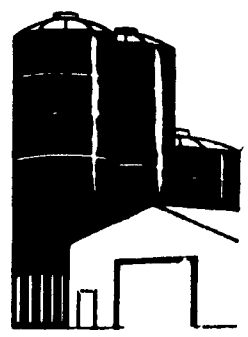

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Services Available:
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Parts for Unloaders:
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We Can Offer
* New Bolts, Nuts & Washers
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2060 Erected $21,000
6219 Slurrystore Erected $28,000
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200 Bushel Roller Mill $800.00

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WE SPECIALIZE IN CUSTOM FORAGE BAGGING.
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ALL BAGS ARE GUARANTEED AND INSURED

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NEWVILLE PENNA 17241
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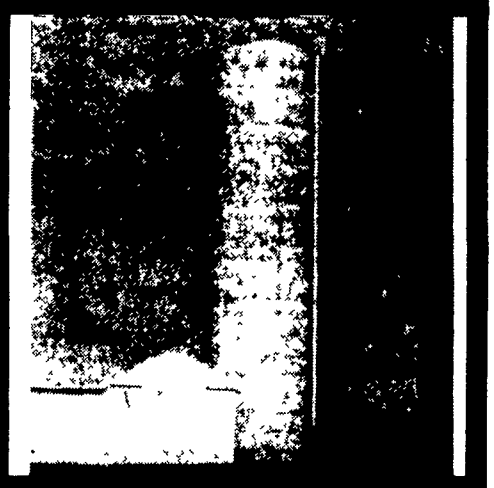

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- 6" steel reinforced solid concrete walls
- Compare our superior construction and features
- 12' thru 30' diameters available

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- Fast installation
- Moveable

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A Producer of Quality Concrete Products Since 1923

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3. Upright Bunker Silos
4. Manure Pits
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Wallstone, veneer, coping, treads, sills - tile, mantels, patio, irregular.
Quality Stone.
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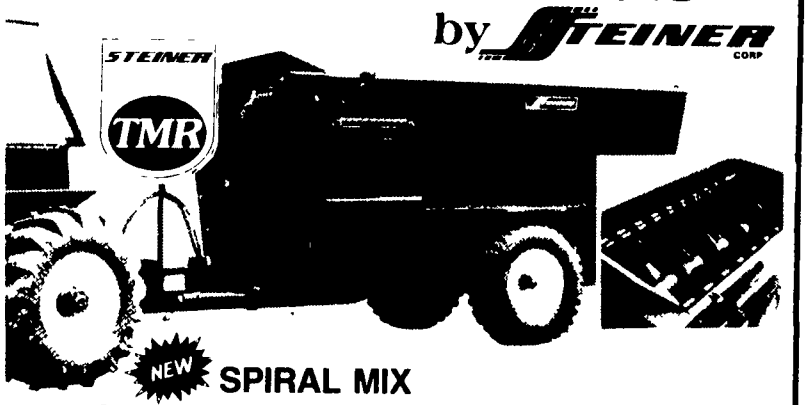
was 12¢/lb. now 10¢/lb.

5 GRAIN EQUIPMENT

Portable Series Mixers by STEINER



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- BUILT STEINER TOUGH

FICKES SILO COMPANY
NEWVILLE PENNA 17241
Phone 717-776-3129

5 GRAIN EQUIPMENT

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Centrifugal fan, 10 hp for drying shelled corn in a upright Harvester silo. $1400. Like new condition. 215-933-2223.

FOR SALE
FARM FAN
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Used 2 Years,
Excellent Condition
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Super B Circle M-C GSI
SALES SERVICE
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Also Featuring
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6 DAIRY EQUIPMENT

Icemaker, large rectangle box filled with ice and plate cooler to cool milk down to 36 degree before reaching tank. Chester Co., 215-933-2223

For Sale DeLaval ration master feeding system with 3 stations and 75 transponders Contact Don Alexander, Bushy Park Farm, Wake, Virginia, 804-776-6894.

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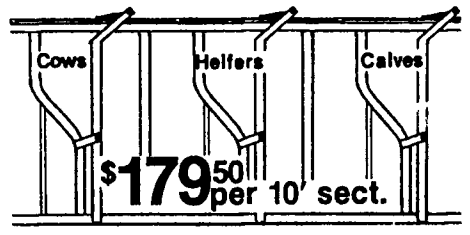

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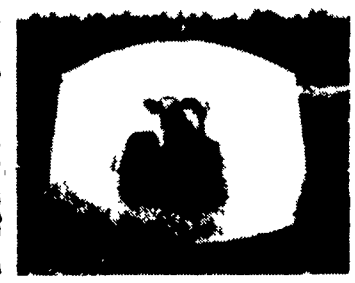
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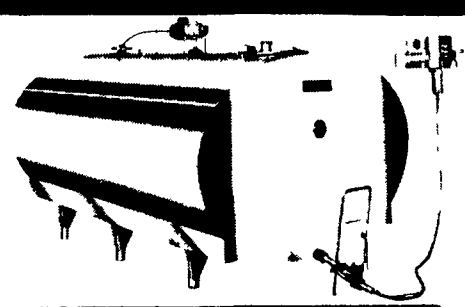
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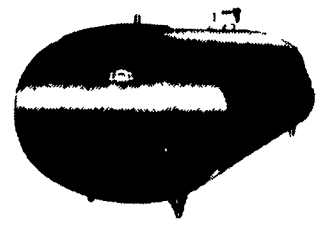

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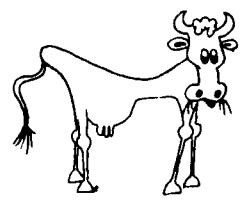

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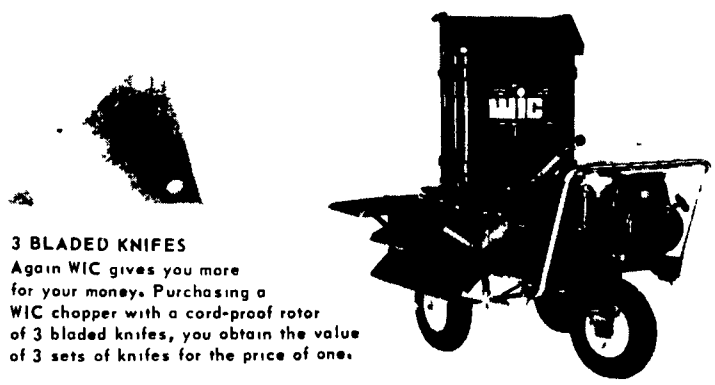

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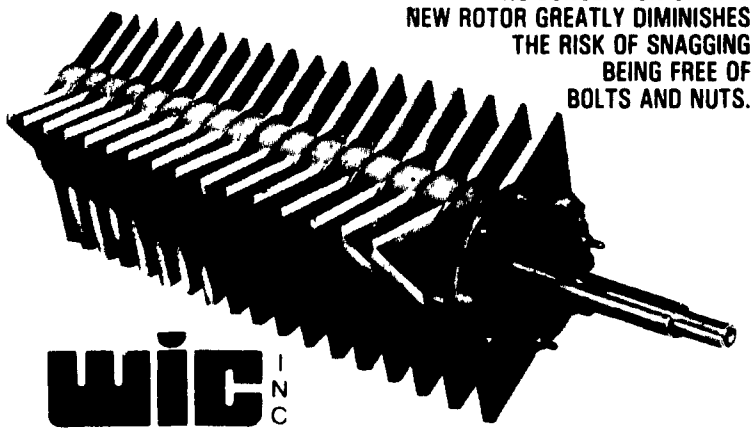

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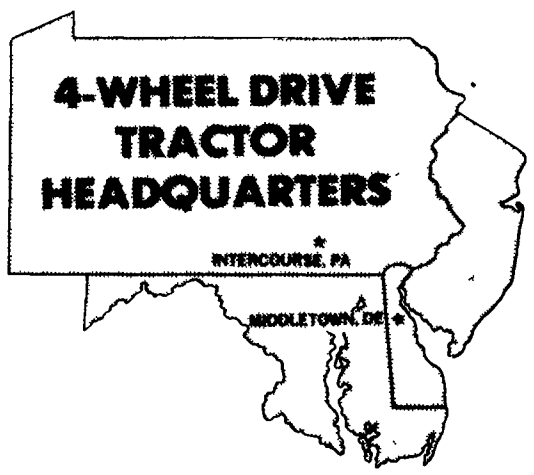

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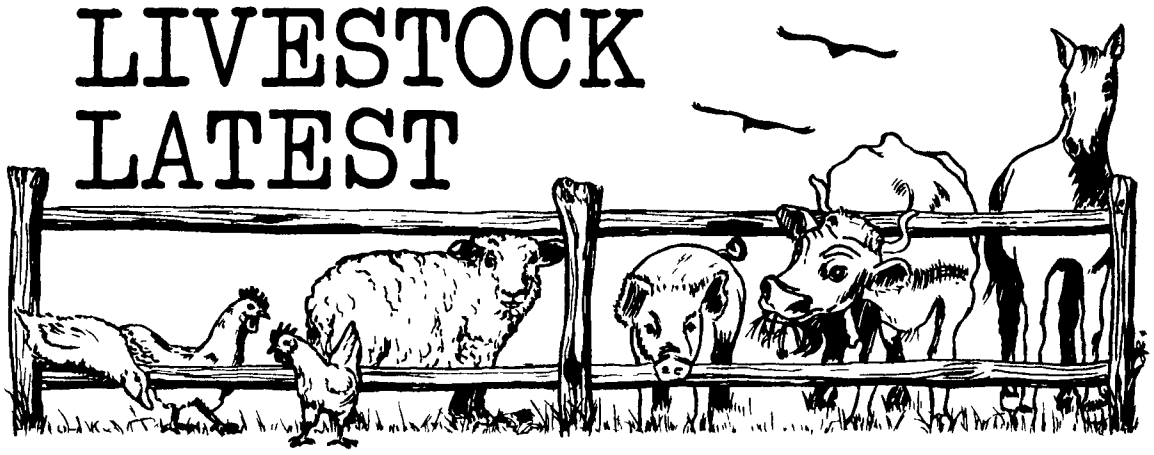


Four packers charged with failure to pay for $5 million in pork

WASHINGTON, D.C. – In separate administrative complaints, the U.S. Department of Agriculture has charged four meat packers and their owners and officers with failing to pay for nearly $5 million worth of pork carcasses and meat products purchased during 1983-84 from Arbogast & Bastian, Inc., of Allentown, Pa.

B.H. (Bill) Jones, head of USDA's Packers and Stockyards Administration, said there is no connection between the respondents except they are each charged with failing to pay for products purchased from the same supplier.

The respondents are:

–Pork Cutters, Inc., New York, N.Y., and Don and Marga Birakowsky, who are charged with failing to pay for $945,990 worth of products purchased from March-May, 1984;

–Rotches Pork Packers, Inc., Brooklyn, N.Y., and David A. Rotches, who are charged with failing to pay for $2.1 million worth of products purchased from April-May, 1984;

–Otto Doerrer and Son, Inc., Bronx, N.Y., Rudolfo Panigrosso, and Gene Lombardo, who are charged with failing to pay for $1.3 million worth of products purchased from February-May, 1984; and

–Crissman, Inc., of Castenea, Pa., and Jack G. Crissman, who are charged with failing to pay for $421,736 worth of products purchased from January 1983 through February 1984.

The respondents have a right to a hearing on the administrative charges filed by USDA under authority of the Packers and Stockyards Act.

If the charges are proven, they will be placed under cease-and-desist orders, similar to a permanent injunction, and they could also be ordered to pay a civil penalty.

The P&S Act is an antitrust, fair trade practice and payment protection law. It is designed to maintain integrity in the marketing of livestock, poultry and meat, and in the marketplace.

Disease prevention is best medicine for poultry

By George W. Chaloupka
Extension Poultry Specialist
University of Delaware

NEWARK, Del. – Disease prevention is a definite must on poultry farms, regardless of the size of the operation. Avian influenza, fresh on our minds for over a year now, and exotic newcastle disease which keeps popping up every once in a while, are two dreaded diseases that require special attention. But prevention of all diseases should always be a concern.

Our recent brush with A.I. made all of us on Delmarva aware of how critical it is to practice routine disease prevention. There are certain basic procedures you can follow to help protect your flock from disease and to minimize the spread of infection to other flocks.

The prime purpose of the Delmarva Poultry Industry, Inc.'s Emergency Poultry Disease Task Force is to develop and implement plans to prevent or to control and/or eradicate poultry disease outbreaks that could cause serious economic losses to Delmarva's commercial poultry industry. The task force strongly recommends all poultry growers (including people who raise game birds, waterfowl, exhibition flocks, sporting birds, and small farm flocks) follow these procedures:

- Set aside special clothing (including shoes, boots, hat and gloves) for wear when caring for flocks. Never wear these clothes off the farm.
- Flock managers and other caretakers should not visit other poultry flocks.
- Do not allow visitors on the premises or in the poultry houses.
- After caring for the flock, change clothes completely and wash hands and arms before leaving the premises.
- Require all essential visitors (such as owners, fuel delivery, feed delivery, meter readers, poultry catchers and haulers, and other service personnel) to put on protective outerclothing including boots and headwear before letting them near the flocks.
- Require scrub down of all vehicles entering the premises for poultry pickup or delivery, feed delivery, fuel delivery, and other purposes. Undercarriage and tires should be sprayed and disinfected before entering and upon leaving.
- Clean and disinfect all coops, crates, and other poultry containers or equipment before and after use.
- Send sick or dying birds to a state laboratory for diagnosis.
- Bury or burn all dead birds.
- Anyone handling wild game (especially waterfowl) should change clothes completely and bathe before entering poultry premises.

As a poultry grower, you may feel that some of these procedures aren't necessary or don't apply. But to protect your flock from disease, implement all precautions that do apply as soon as possible.

Also, whether you buy hatching eggs, chicks, started or mature birds, make sure you know the source of your poultry. Don't carelessly bring in disease through one of these possible carriers.

Protect your flock, your neighbor's flock, and all of the poultry industry from potential disaster.

LMA Annual Meeting Scheduled for Jan. 17-19

KANSAS CITY, Mo. – Leaders of the cattle, pork and packing industries will take part in an Industry Sector Update" at the 1985 annual meeting of Livestock Marketing Association.

The meeting, which will attract marketing business owners from across North America, will be held here Jan. 17-19, at the Alameda Plaza hotel in Kansas City. LMA members will here predictions about livestock demand, movement patterns and their view of the industry in 1985 from:

John Weber, president of the National Cattlemen's Association

Wayne Walter, president of the American Association of Meat Processors

Baskin Brown, president of the American Association of Meat Processors

In addition, Dr Marvin R. Duncan, vice president and economist with the Federal Reserve Bank of Kansas City, will discuss agriculture's 1985 financial concerns during this session

Another topical session will be on the new agricultural futures options and how they work within the futures market The featured speaker will be Ronald E Frost, vice president-commodity marketing with the Chicago Mercantile Exchange

LMA s 1985 officers and directors will be installed on Friday morning, Jan 18

The program sessions, which will be held Friday and Saturday, will also include sessions on insurance, financial and legal risk management

LMA members will also be updated on the latest legislative and regulatory developments that will have an impact on their businesses

LMA represents and provides commercial services to some 1,300 North American marketing businesses

W. Va. Cattlemen hold convention, short course

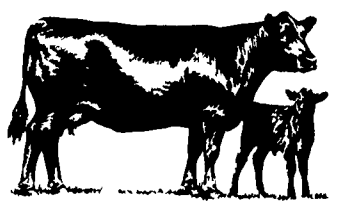
By
Debbie Stiles-Renzi
Staff Correspondent

LEWISBURG, W. Va. – The 1984 West Virginia Beef Cattle Short Course and Cattlemen's Association Annual Convention were held in conjunction December 4 and 5 at the Brier Inn Convention Center in Lewisburg, Greenbrier county.

"Maximizing West Virginia's Forage Potential" was the dual convention/short course theme, which featured educational seminars, hands-on demonstrations and commercial exhibits. Extension and West Virginia University specialists in fields ranging from agronomy to animal science, as well as industry spokespersons from the National Cattlemen's Association were on hand to teach and advise the group of nearly 200 participants on a diverse forum of topics pertaining to the beef industry.

Owing to this year's new location for the gathering, many of the registrants were from southern counties of the mountain state, notably Monroe and Greenbrier.

"There were a lot of new faces," commented Voras Haynes, county agent from Randolph county. Haynes reported that many of the first-timers were farmers and cattlemen from the immediate area who had never attended the course in previous years when it had been held at Jackson's Mill in Lewis county.



Pork Prose

by
Kenneth B. Kephart
Extension Livestock Spec.
University of Del.

It's no secret that crossbreeding will lower production costs. Crossbreeding lets you combine traits from more than one breed. And through heterosis (hybrid vigor), it provides an added boost in productivity compared to using purebred stock.

But until recently, most studies used Yorkshires, Hampshires and Durocs in their breeding programs. Since the Landrace and the Spotted breeds are becoming more popular, researchers at Oklahoma State University decided to take another look at the merits of crossbreeding–this time with Durocs, Yorks, Spots and Landrace.

In all they looked at data from nearly 500 litters and asked questions related to reproductive performance. Which breeds contribute the most to the sow line? What breeds make the most effective cross? Is there any merit to using crossbred boars?

The researchers found that Yorkshires are the most productive in terms of litter size at birth and weaning. But the Landrace have the edge in milking ability and keeping the pigs alive until weaning.

The breed of the boar in this study had no effect on litter size, litter weight or survival.

Crossbred litters (from purebred parent lines) provided an extra .79 pigs per litter, 26 more pounds per litter at six weeks and improved survival by 5.6 percent.

The scientists also calculated which crosses maximized heterosis or hybrid vigor. You'll recall that this is the level of performance over and above the expected average of the parents. For example, you might expect (through performance records of the parents) that a group of York-Hamp pigs would gain 1.5 pounds per day. But they may grow 1.75 pounds per day. In this case, heterosis would be .25.

This study showed that crossing a Duroc boar with a Spot sow gave the best heterosis for litter size at six weeks, improving litter size by almost 1½ pigs.

Unfortunately, heterosis can be misleading. And this case is a classic example. Even though hybrid vigor was maximized with the Duroc-Spot cross, breeding a Spot boar to a York sow produced the largest litter.

By the same token, breeding a Duroc boar to a Spot sow resulted in the greatest heterosis for weaning weight; but the heaviest litters were from Landrace sows that were bred to Duroc boars.

So you have to be careful. Certain crosses might make the best of heterosis. But on the bottom line, these crosses may not be the most productive. This point is underlined in the second part of the Oklahoma study. The researchers found that York-Spot sows had the smallest and lightest litters at weaning, even though this cross had an expected high level of hybrid vigor. And which sows raised the biggest and heaviest litters? Those with a small amount of heterosis–the York-Landrace cross.

What about crossbred boars? The study showed no advantages in litter size, litter weight or survival. But using crossbred boars improved first-service conception rate by 17.9 percent and significantly reduced the total number of services per pregnancy.

But the scientists were cautious about their conclusions. Since they used young boars in the study, the improved breeding ability of the crossbreds may have been due to earlier sexual maturity. More research is needed to see if crossbred boars still hold an advantage over purebreds in later life.

What can we conclude from the study? First, crosses of the white breeds still make the best sow lines. And second, crossbred boars deserve your serious consideration.

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NPPC adopts farm policy at Special Session

DES MOINES, IA – Delegates from 38 states gathered in Des Moines, Iowa, November 29 and 30, for a Special Session of the National Pork Producers Council's policy-making body. The delegates unanimously approved an official position on food and agriculture policy. It marked the first time the NPPC has adopted recommendations on general farm policy.

The recommendations, the result of months of study by a producer-composed task force on farm policy, covered a wide range of producer concerns. At the heart of the recommendations was an endorsement of efforts to reduce current deficits substantially by reducing federal government spending.

The NPPC urged the government to take appropriate steps to assure survival of independent, owner-operated farms in order to preserve a significant American institution that is the anchor of rural life and values and future rural development. While endorsing development of a long-term program that will permit extension of credit to producers whose productivity and debt-to-equity ratio suggests they can survive, the NPPC cautioned the government to avoid becoming a lender of last resort for producers who have no realistic chance of survival.

Expressing skepticism about the beneficial impact of the existing commodity program mix of government loans, target prices and acreage diversion programs, NPPC said it supports changes that will move present programs in the direction closest to the competitive marketplace.

Other NPPC farm policy recommendations included support for strengthening government export initiatives, approval of so-called "sod-buster" legislation that would deny all federal program benefits for commodities produced on certified highly erodible or marginal land, and a call for the Congress to review the present process of developing public policy that leads to nutritional messages being issued to the general public.

Specifically, NPPC feels the Congress should establish a better mechanism for coordination of nutritional messages that government agencies send to the consuming public, in order to insure that any such advice is based on sound, scientific research.

NPPC's farm policy recommendations will be presented to Administration and Congressional farm leaders during the coming months for consideration during formulation of the 1985 Farm Bill. The general thread that weaves throughout NPPC's first attempt to have some impact on general farm policy is the thought that the nation's pork producers don't want government to favor producers of any one commodity to the detriment of producers of other commodities.

Delegates to the Special Session in Des Moines also accepted the results of a study on the Changing Structure of the U.S. Pork Sector. The study, a cooperative effort by a distinguished group of agricultural economists, says that the changes currently taking place in the industry are more evolutionary than revolutionary. The study indicates that the critical issue affecting the future viability of the pork sector is the cost and acceptability of pork producers vs. its competitors. Most other structural issues pale in importance in comparison, the report concludes.

Other factors affecting the pork sector, according to the study, are fewer but larger producers, fewer packing plants and packers, corporate or outside investor involvement in breeding or commercial hog production, government policies, and the significant impact on hog cycles by small producers whose flexibility allows them to enter and exit the production cycle at will.

Delegates at the Des Moines meeting unanimously approved a plan that is designed to improve coordination of programs between the National Pork Producers Council and the National Livestock and Meat Board. Under the revised arrangement, the Pork Industry Group of the Meat Board will receive 20 percent of the national producer checkoff funds after states have received their formula share. That will now include a share of the feeder pig checkoff funds forwarded to the national level. The new funding arrangement recognizes the NPPC and its member-state organizations have greatly expanded responsibilities since the original NPPC/Meat Board agreement in 1967, when consumer promotion was NPPC's primary activity.

A Steering Committee has been appointed to determine future organizational responsibilities for the important food service area. With 40 percent of consumer food dollars now spent away from home, the food service market for pork is viewed as having perhaps more potential for growth than any other consumer marketing direction. The Steering Committee will explore ways to achieve a greater share of the market for pork in food service and will recommend the responsibilities of each organization to accomplish the goals. The Steering Committee will report its recommendations to the NPPC delegates meeting next March.

NY searches for '85 Beef Ambassador

LINDLEY, N.Y. – The search for a 1985 Beef Ambassador has been announced by Martha Rawcliffe of Lindley who heads the Ambassador Search Committee for the New York CowBelles.

The Beef Ambassador program is sponsored by the New York CowBelles and the New York Beef Cattlemen's Association to promote the state's beef industry as well as the two sponsoring organizations. The Beef Ambassador and his/her Court also develop consumer interest and media attention as they conduct promotional activities.

The 1985 Beef Ambassador program is open to all young people between the ages of 16 and 21 with an interest in beef cattle. Applicants must also be either members of one of the sponsoring organizations or children or grandchildren of members of one of the sponsoring organizations. (New York Beef Cattlemen's Association, New York CowBelles).

The Beef Ambassador and Court members will be named at the annual meeting of the CowBelles and Cattlemen Feb. 9 at Cortland. Selection will be made on the basis of achievements with beef cattle, leadership, communication skills, and personality.

The Beef Ambassador and Court members will be expected to participate at the New York Bull Test Sale, Empire Farm Days, the State Fair, and other specifically designated events. The sponsoring organizations will provide assistance with mileage while the Beef Ambassador and Court members are an official duties, Mrs. Rawcliffe explained.

She said the Beef Ambassador and Court members will receive appropriate gifts at the "crowning ceremony" and the Ambassador will receive a $100 savings bond at the end of his/here reign in appreciation of a successful year an fulfillment of assigned appearances.

Beef Ambassador application blanks are available by writing Martha Rawcliffe, Box 56, Church Rd., RD 1, Lindley, N.Y. 14858 and all applications must be returned by Jan. 4.

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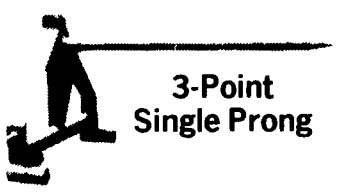
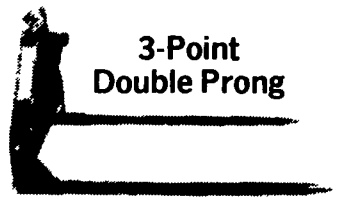
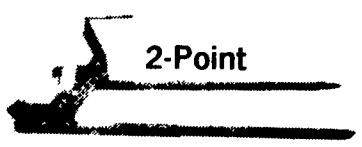
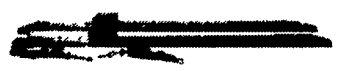




The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.



Front End Loader Forks



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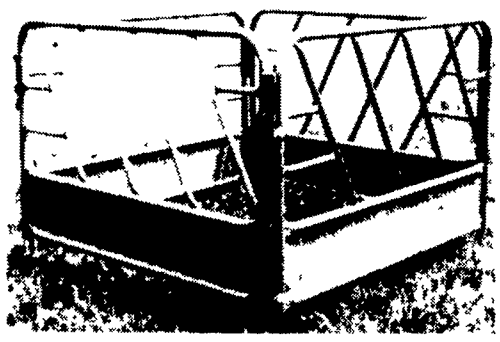

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Del. market hog test pinpoints problems

NEWARK, Del. – Ten Delaware pork producers took part in a market hog performance test at the University of Delaware Georgetown test station this fall. Purpose of the test was to estimate feedlot performance, carcass merit and health status in participating herds. The test, which was cosponsored by the Delaware Pork Producers Association and the Delaware Cooperative Extension Service, also gave individual growers an idea of how their herd performance compared to that of other producers in the area.

According to extension livestock specialist Dr. Ken Kephart, who supervised the trial, a total of 60 pigs were consigned. Pigs were entered at an average weight of 75 pounds. Average daily gains were recorded for each animal throughout the test. Feed intakes and conversion rates were calculated for each pen. Pigs were fed longer than normal, Kephart says, so producers could see how their hogs performed at heavier weights. The average finishing weight was 252 pounds.

Results show that these pigs continued to make economical gains even at weights in excess of 220 pounds. Overall, the pigs grew an average of 1.92 pounds per day with a feed conversion ratio of 3.07 pounds of feed per pound of gain.

Hogs were followed to slaughter at Kling's Meat Market near Dover. Carcass weights, backfat and muscling scores were recorded at the packing facility and these figures, along with the feedlot data, were used to calculate a lean pork gain index.

The top-indexing pig in the trial was a York-cross barrow consigned by the University of Delaware. He gained 2.04 pounds per day with a feed efficiency of 2.98. His final weight was 276 pounds and he had 1.1 inches of backfat. The pen with the highest average index was consigned by Bruce Esham of Gumboro, Del.

Dr. H. Wesley Towers, state veterinarian for the Delaware Department of Agriculture, conducted a slaughter health check. He found that 49 percent of the pigs had some degree of mycoplasma lesions in the lungs. Twenty-five percent had liver lesions, which indicates parasite migration. And 36 percent had at least some turbinate atrophy in the snout – a sign of atrophic rhinitis.

Kephart says producers who took part in the program can use the test data as a guide in buying replacement stock. For example, if a pen of pigs averaged 1.92 pounds per day in growth rate, and 3.07 pounds feed per pound of gain in feed efficiency, the herdsman should attempt to find boars with records superior to these.

With only 3 percent improvement in these figures, the grower could save over $1.50 per hog marketed in feed and overhead costs. If pigs were sold grade and yield, and improvements were made in carcass merit, the savings would be even greater.

Detailed results of this test are available by writing: Extension Livestock Specialist Dr. Ken Kephart, University of Delaware Substation, R.D. 2, Box 48, Georgetown, DE 19947.

NY meat packer agrees to $7,500 penalty

WASHINGTON, D.C. – Barry Alan Sablosky, a meat packer at Long Branch, N.J., has agreed to a $7,500 civil penalty and a cease and desist order from the U.S. Department of Agriculture.

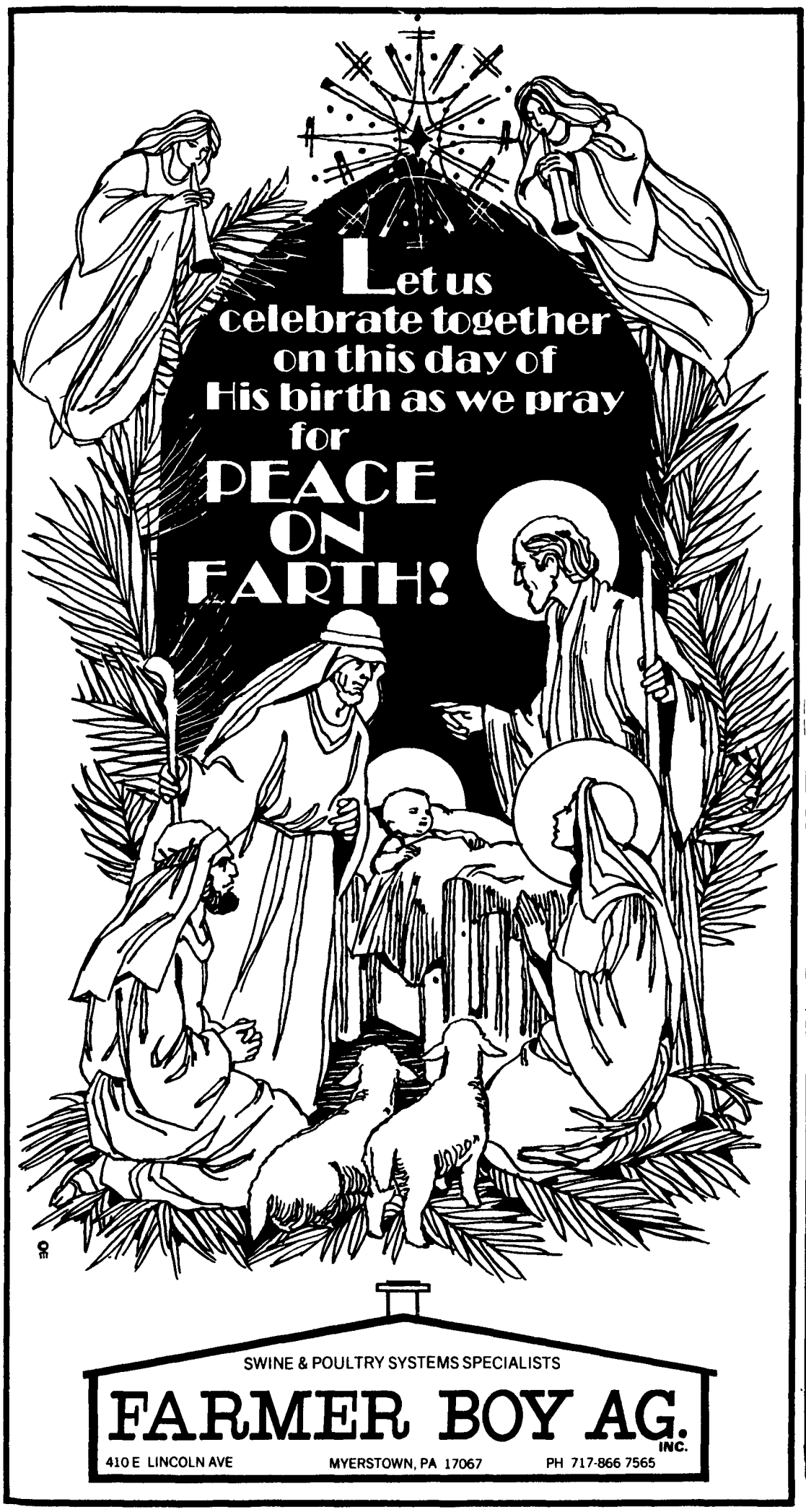
A USDA official said Sablosky agreed to the order to settle administrative charges that he wrote bad checks and failed to pay for more than $163,000 worth of cattle purchased at public markets in New Jersey, New York and Pennsylvania.

B.H. (Bill) Jones, head of USDA's Packers and Stockyards Administration, said Sablosky was also charged with being insolvent and failing to hold trust assets to ensure payment to cash sellers of livestock.

Jones said a portion of the funds owed for livestock was paid from Sablosky's statutory trust fund and bond.

In agreeing to the order, Sablosky neither admitted nor denied the administrative charges filed by USDA in November 1983 under authority of the Packers and Stockyards Act.

The cease and desist order, similar to a permanent injunction, was issued to insure future compliance with the Packers and Stockyards Act.



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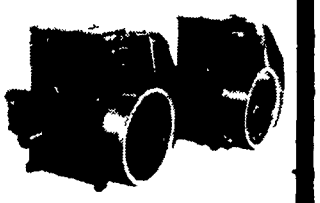

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BUSINESS NEWS...

New planter monitors introduced

AUBURN, Ill. – DICKEY-john Corporation, Auburn, Illinois, has introduced a new generation of Planter Monitors, the DjPM1000, DjPM2000 and DjPM3000. The new models are designed to make DICKEY-john planter monitoring easier, more reliable, and more effective than ever.

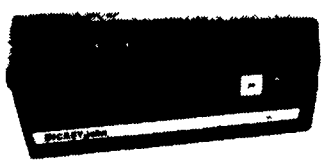
All three models feature photoelectric seed sensors, and the proven DICKEY-john flashing row indicator system that instantly detects interruption in seed flow. All models feature an automatic sensor check that allows the operator to make sure sensors are functioning properly prior to planting – without leaving the tractor seat. A new weather-tight hitch connector can be safely left installed on the planter in the off season. And a new heavy-duty harness helps prevent cable damage.

The top-of-the-line DjPM3000 Planter Monitor is a complete automatic planting information system. It features an automatic readout of average planter population. A selected row can be individually monitored, or all rows may be sequentially scanned. In addition, the system provides readouts of planting speed, area planted, area-per-hour working rate, and seed spacings. The system measures ground speed using the DICKEY-john Radar Ground Speed Sensor -- a microwave sensor that measures true ground speed under any field conditions. The DjPM3000 fits most popular planters and a single console will monitor from one to 32 rows.

The DjPM2000 also features a readout of the average number of seed per acre being planted in all rows. Ground speed and row spacings are entered into the console by the operator prior to planting. Seed population for individual rows can be monitored at the touch of a pressure-sensitive switch. And all rows can be sequentially scanned. Visible and audible alarms warn of planting interruption. The population readout is updated every 1/100 of an acre. The system counts corn seed as it is planted. Population comparisons are available for soybeans and other crops.

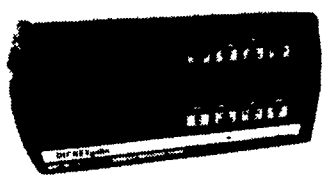
The DjPM2000 fits most popular planters and is available in two models: for planters from 4 to 8 rows, and for planters form 12 to 16 rows.

Model DjPM1000 is the new standard in basic DICKEY-john planter monitoring. The new flashing row lights feature a dimmer control for night planting. A row-failure alarm provides an instant warning of planter malfunctions. Two consoles are available – 4 to 8 rows, and 12 to 16 rows.



DjPM1000

DjPM2000



DjPM3000

New-generation DICKEY-john Planter Monitors

Alsentzer assumes new Farm Credit post

BALTIMORE, Md. — The Farm Credit Banks of Baltimore, the region's leading agricultural lending institution, has announced the promotion of Gerald Alsentzer to vice president, human resources.

Alsentzer joined the Banks in 1982, as assistant vice president and director of training, assuming various management and consulting responsibilities as well as other business functions. In his new role, he will develop and manage programs in the areas of employment, salary administration, benefits, personnel records and research, training, education, and employee benefits.

A native of Pennsylvania, Alsentzer holds a B.S. from the University of Delaware and an M.Ed. from Springfield College in Massachusetts.

The Farm Credit Banks of Baltimore are part of the nationwide Farm Credit System, the country's largest private cooperative lending institution. With more than $3 billion in outstanding loan volume, the Baltimore Banks extend long and short-term credit to farmers and their cooperatives in the states of Delaware, Maryland, Pennsylvania, Virginia and West Virginia and in the Commonwealth of Puerto Rico.

Organic Plant Food Company president, William L. Brubaker (left) sponsored a luncheon and program for local farmers at the Holiday Inn East Dec. 6, with featured speakers James Hostetter of Buck, a CPA and farmer himself; Penn State ag economist Lou Moore; and company sales manager, Kent Fritz.

Ag Economist Addresses Farmers at Organic Plant Food Program

By Karen Belber

When Penn State ag economist, Lou Moore, came to speak to a group of some 200 Lancaster County farmers, he brought with him some grim statistics but noted that favorable "weather" was forecasted for 1985 for cash crop and dairy farmers if they played their cards right, and if the government decides to give the fighting farmer a chance to survive.

Moore, a noted ag economist, and James Hostetter, a Buck farmer and certified public accountant, addressed the state of the general economy and estimated that before farmers would see a surge in profit, or even recovery from losses, the economy will have to slow down to forego a recession.

The two guest speakers were featured at a program sponsored by Organic Plant Food Company of Lancaster. About 20 fertilizer suppliers exhibited their products and were on hand to answer questions and display their wares. President of Organic Plant Food, William Brubaker, said that the program, in its second year, went over extremely well with the farmers and that they received "good comments at the end of the meeting."

In addition, the company presented new methods of nitrogen applications and side-dress applications for crops, from data based on studies at land-grant universities' Brubaker said.

Moore estimated that interest rates will go down and gradually work their way back up sometime in 1985. He attributes the farmer's predicament to the "uncertain" stock market, as well as "weather" problems.

"The drought concerns of 1983, turned into harvest concerns of '84," Moore assessed. But farmland values have increased in Pennsylvania, where in other areas of the nation they have plummeted.

He noted that the greatest concern was concentrated in surplus milk production, and that there is really no short term answer to the surplus problem. The government got involved because of the surplus but what will happen if and when the dairy industry returns to a free market?

The dairy farmer is milking himself right out of business.

And you can buy, crops for less than you can grow them now.

"They say farmers are the wealthiest people in China right now," Moore noted, owing to the fact that free enterprise for ag farmers in that country has had obvious rewards.

Hostetter said that farmers are drowning in their own production because they're only making enough to pay the interest rates. He encouraged the group to "read everything you can get your hands on."

He also advised farmers to get a handle on expenditures, and to seriously "look into re-financing and re-structuring loans."

"Take the bull by the horns," he said, "And don't let pride get in the way of your decisions."

But above all, Hostetter said that the farmer has to be optimistic, and that he must always have a "payback plan."

But both speakers agreed that the situation in Lancaster County and surrounding areas was not nearly so devastating as in the mid-west where farms everyday are faced with foreclosure and bankruptcy.

Dekalb-Pfizer Genetics produce clean sorghum hybrids

DEKALB, Ill. — Controlling shattercane and other outcrosses in sorghum requires good herbicide application, field roguing and pure seed. In order to provide customers with seed giving the cleanest possible hybrids, several important steps are taken at each DEKALB-PFIZER GENETICS sorghum production location, says Max Howitt, Sorghum Production Manager.

The first step in producing clean seed is to select isolated areas for production. "This is important because all members of the sorghum family will cross with each other," Howitt says. "We must be sure that the male sterile plants (known as the female parent) receive only pollen from the male fertile plants (known as the male parent). Only grain from the female parent is harvested for seed.

Louis Lostroh, Plant Manager at Dumas, Texas, works closely with seed growers and other seed companies planting sorghum in that production area. "We are careful to look at the crop history of each farm to make sure previous crops have not contaminated the land," Lostroh says.

DEKALB-PFIZER standards do not permit any other sorghum crop, which would adversely affect the genetic makeup of the seed being grown, to produce pollen within a two-mile radius of the seed crop.

The next important step in producing clean sorghum seed is to ensure a good "nick" — an abundance of male pollen at the time the female parent is blooming. This is accomplished by staggering male and female plantings. Also, alternate strips of male and female parents are planted throughout the field. Border rows of the male parent are planted all the way around the field.

"Through the help of research and production experience, we are able to determine when to plant the male parent to obtain pollen shed when the female is receptive," Howitt explains. "This greatly reduces the incidence of outside pollen crossing with the receptive female parent."

The sorghum seed fields and surrounding areas are carefully hand rogued several times during the growing season. Any undesireable plants are dug out. Crews thoroughly walk fence lines, ditches and all crop fields within one to two miles of the seed field.

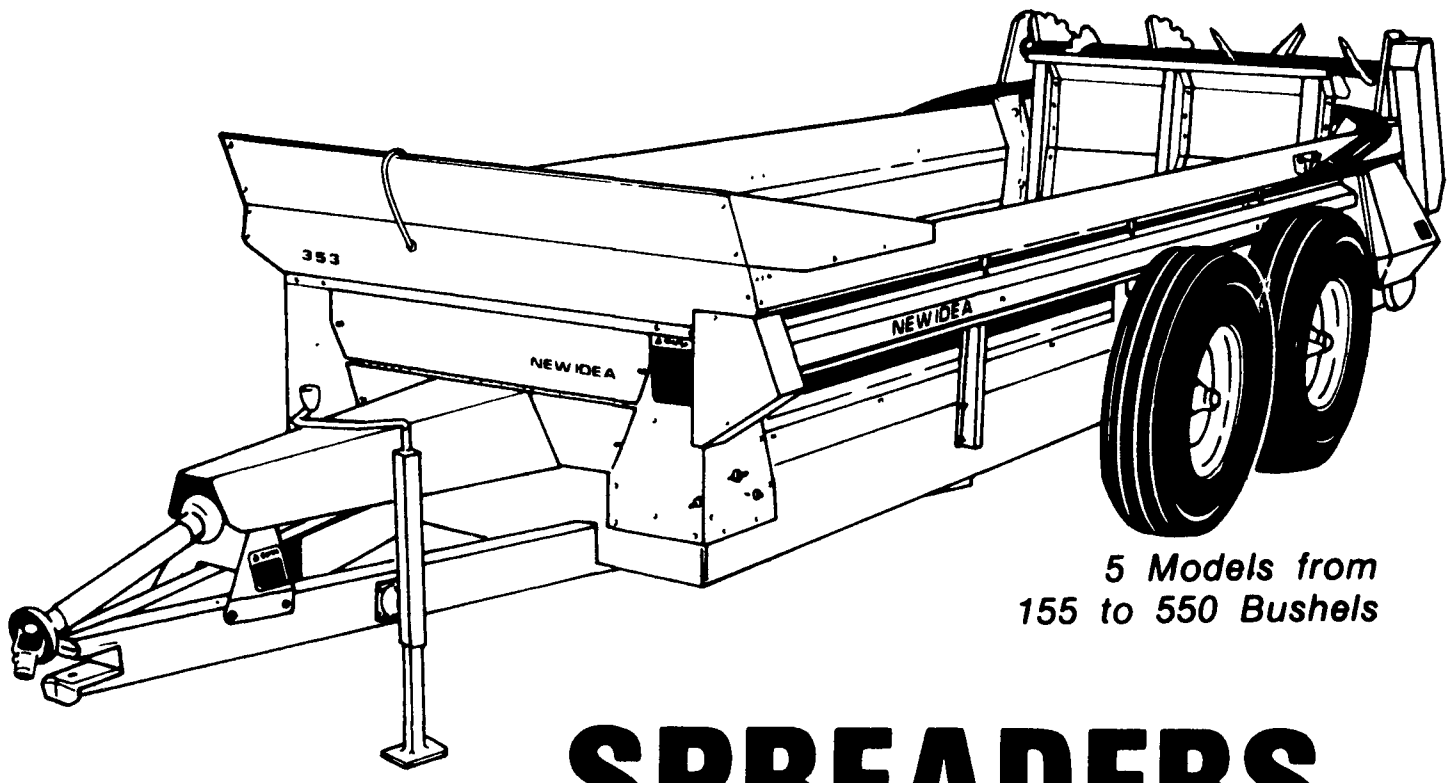
"Before harvest of the female parent begins, the border rows are harvested for non-seed purposes. The remaining stubble is disked down," explains Darrel Humble, Plant Manager at Lubbock, Texas. The next step in the production process includes thorough cleaning of the combine and trucks prior to harvest of the female parent. The combine is vacuumed to clean out any sorghum seed. Then it's "flushed" by harvesting some seed of the female parent.

The emphasis on cleanliness is continued at the production plant. The grain harvested from each field is kept in a separate storage area. Before each variety is bagged, the processing equipment is thoroughly cleansed of any remaining seed. After each cleaning operation, all areas of the plant must be inspected and approved by plant management," Humble says.

To make sure all these careful steps pay off, two field tests called grow-outs are conducted. These

(Turn to Page D8)

NEW IDEA



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Two Pa. bulls enter Select Sires

Glademaster Selectson-ET and Donegal-Creek Felix, two young bulls from Pennsylvania, have been acquired by Select Sires, the nation's largest family of farmer-owned and controlled A.I. cooperatives, headquartered at Plain City, Ohio. Based on their outstanding pedigrees, these bull calves have been selected as two of only 130 Holstein bulls from throughout the United States to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system in 1984.

Glademaster Selectson-ET comes from Robert M. Bauer-master of Berlin. The sire of this PGA bull calf is Twin-Lawn Elevation Jason, a high PD Elevation son. His dam is Glademaster Star Dancer. She is an "Excellent" (90) Penstate Ivanhoe Star daughter with all records over 20,000M from an "Excellent" mammary. Her best record is 26,839M 892F 3.4% in 355 days. The grandam is a Gold Medal Dam with records to 32,857M and 1,049F.

Joseph C Wivell of Columbia, is the breeder of Donegal-Creek Felix. The sire of this bull calf is Cal-Clark Board Chairman. His dam is Conegal-Creek Fancy Jerry, a high indexing Eng-Amer Ivanhoe Jerry daughter. Her July 1984 Cow Index is +1,007M +30F +$116. As a two-year-old she made over 21,000M. Her best record is 27,450M 1,045F 3.8% in 365 days. The grandam is an "Excellent" (91-2E) Elevation daughter.

Seed case is settled

ROUND BROOK, N.J. — Lofts, Inc., Round Brook, N.J., has paid $375 to the U.S. Department of Agriculture to settle a case involving a shipment of seed alleged to be in violation of the Federal Seed Act.

The case was settled in an agreement between the company and officials of the USDA's Agricultural Marketing Service. The company neither admitted nor denied the charges.

Donald W. Ator, an AMS official in Washington, D.C., said the case involved a shipment of lawn seed mixture to Virginia. The alleged violations were false labeling of the pure seed and incorrect kind name.

The Federal Seed Act is a truth-in-labeling law designed to protect farmers and consumers who buy seed. AMS administers the program with the help of state seed officials. Seed regulatory officials in Virginia cooperated with AMS in making the investigation.

Breeder merger voted down

NEW PRAGUE, Minn. — Delegates of Minnesota Valley Breeders Association (MVBA) narrowly defeated a proposal to consolidate with Midwest Breeders Cooperative on Dec. 8. The vote was taken at the MVBA annual meeting in New Prague.

Only five votes would have had to change to meet the two-thirds majority necessary under Minnesota state law to approve the consolidation. Ninety-eight percent of Midwest Breeders delegates had earlier approved consolidation of the two AI cattle breeding co-ops.

MVBA delegates voted 219-117 in favor of consolidation for a 65.2 percent "yes" vote. Of the 67 votes cast at the meeting, 37 were in favor of consolidation. The remainder were mail-in ballots.

Tom Lyon, general manager of Midwest Breeders Cooperative headquartered in Shawano, said, he was "greatly disappointed by the vote because of the overlap and duplication in the two co-op's present service areas, particularly in southern Minnesota. The membership had the opportunity to greatly improve efficiency during a period of considerable restructuring of the Upper Midwest's dairy industry."

Lyon also pointed out that the new co-op would have given members the expanded genetic power of a sire line-up drawn from the presently separate breeders organizations.

That's only the beginning, Lyon continued, as statistics in terms of pedigree index show Midwest and MVBA leading all other AI organizations in the genetic potential of progeny-tested junior sires now in-waiting for the next three years.

The advantage to Minnesota Valley members was graphically presented in a comparison of financial statements presented at the annual meeting.

In the past fiscal year, MVBA sustained $2.67 million on total sales of $12 million.

Member equity, a measure of individual's holdings in a cooperative, has fallen to $3.8 million for MVBA or 19 percent of assets while Midwest's member equity is $6.3 million or 81 percent of assets.

MVBA's working capital is listed at $956,641 and Midwest's capital position is $1.34 million.

Picking of a hybrid

(Continued from Page D6)

tests are carried out in Florida and Argentina.

"We take hand samples from every field prior to harvest," Howitt says. These samples are planted in late September in Homestead, Fla.

Howitt and other management inspect the Florida grow-outs in late December. "We walk the entire entry and determine the percent of any off-type plants," he says. Two examiniations are made: one during the bloom stage and another after the seed has colored.

A second grow-out is produced in Argentina from machine samples taken at harvest. The same two inspections done in Florida also are made in Argentina to locate any plants that differ from the standard.

All the grow-out information is sent to the DEKALB-PFIZER Quality Assurance laboratory in DeKalb, Ill. It is entered on a computer inventory distribution system. "We can identify the purity of every lot of sorghum by checking the inventory listing," says Howitt.

When all records are summarized, decisions are made about the future of each seed lot. If the seed doesn't measure up to strict quality assurance standards, it is discarded. Where the DEKALB-PFIZER quality standards are met, the production plants can proceed with the conditioning process.

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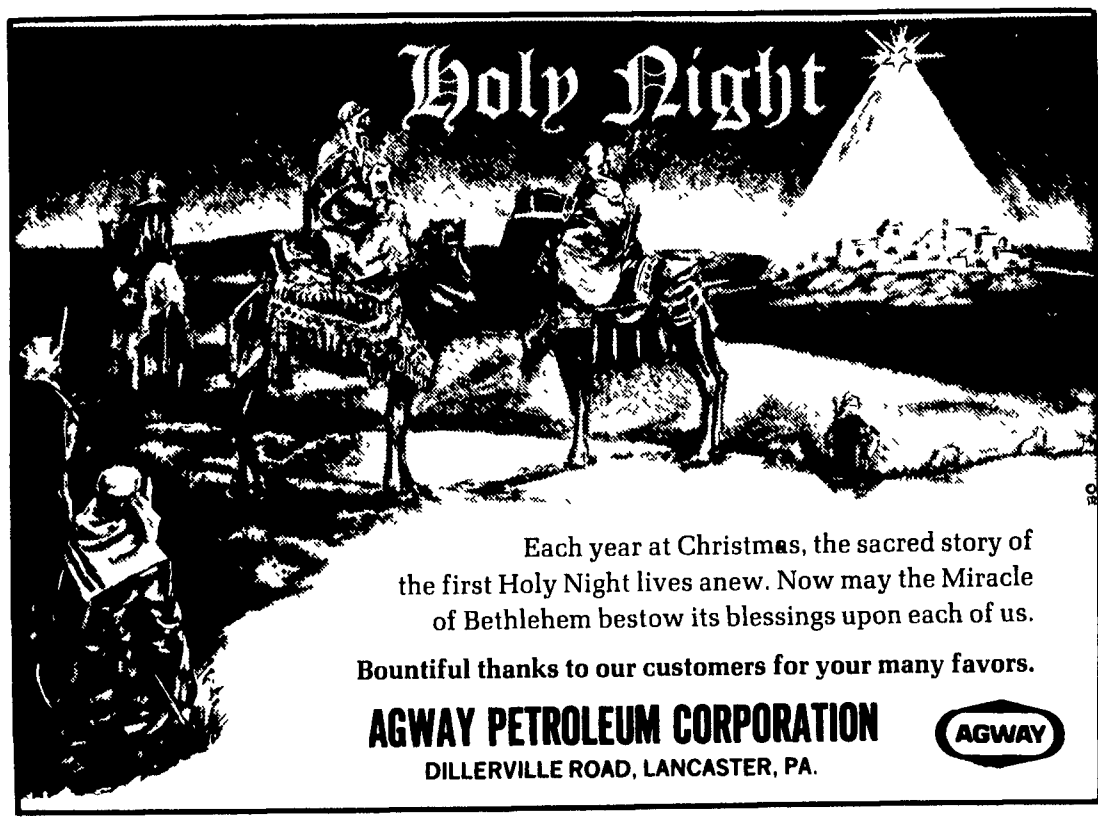

Each year at Christmas, the sacred story of the first Holy Night lives anew. Now may the Miracle of Bethlehem bestow its blessings upon each of us.

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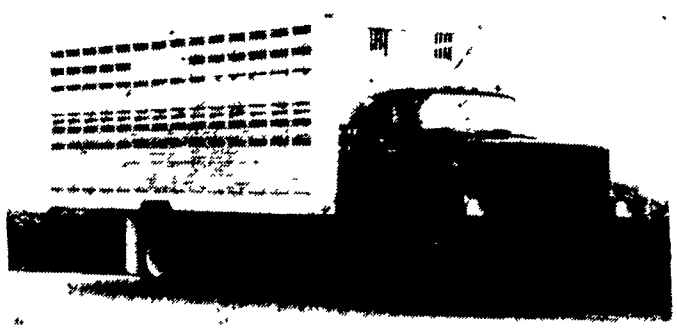

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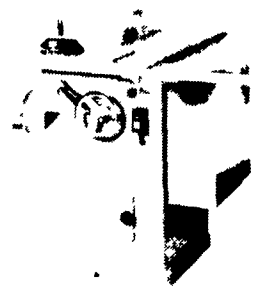

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Local feed supplier completes management course

PARADISE — Jim Mitchell of Hess Mills in Paradise recently returned from Ralston Purina Company's farm consultant workshop in St. Louis loaded with the latest information on livestock management and nutrition.

Mitchell enrolled in the three-day workshop to better assist customers with their livestock feeding and health needs. "Livestock production, like all other aspects of today's farm industry, has become more complex," Mitchell noted. "As a result, more and more producers are turning to their feed supplier for advice and information on new developments in nutrition and overall management," he added.

"One way I can better meet local producers' needs is to get additional training through courses like this one given by Purina's Agri Business Institute, which is an educational arm of Purina," he said.

A group of livestock nutritionists and researchers conducted the intensive, three-day workshop, Mitchell explained. "And, since enrollment was limited to 28, we had many opportunities to ask these experts questions about the various livestock management problems that concern our customers," he explained.

"We also received substantial advice on feeding programs for swine, dairy and beef cattle, horses, pets and other small livestock," he added. This included advice on tailoring feeding programs to livestock needs, and information on new feeding systems such as high energy hog rations and the Forage Balancer Brood Cow feeding system, he pointed out.

Describing this training program, Dub Jones, president of Purina's Agri Products Group said, "Through the Agri Business Institute, Jim has learned the newest livestock management techniques that he needs to serve his local producers. With this knowledge, he and other dealers will be even better equipped to help their customers. Our goal," Jones declares, "is to continue to make our local dealerships as knowledgeable as possible."

Mitchell says the workshop will further improve the level of services he provides area farmers and livestock producers. "I have even greater access now to the tremendous research at Checkerboard Square," he says.

Hess Mills, located at 6 South Vintage Road, now offers farm consultant and other management services to area producers. The store's telephone number is 442-4183.

Wayne Co. offers Farm Show bus trip

HONESDALE — The Wayne County Cooperative Extension Service will sponsor an educational bus trip to the Pennsylvania Farm Show on Tuesday, January 15. The bus will leave the Wayne County Court House at 7:00 a.m., and for the return trip will depart from the Farm Show at 5:00 p.m. Meals are available in the Farm Show Building.

Reservations for the bus trip can be made by contacting the Wayne County Extension Office at 717-253-5970 ext. 114.

Hundreds of commercial and educational exhibits can be viewed as well as animal and crop displays. The Farm Show Complex consists of numerous buildings and fourteen acres under roof. It is one of the largest agricultural events in the national drawing farm and non-farm persons alike.

Swing-Frame Mower Conditioners

12' and 14' Cutting Widths

Now you can get into high capacity haymaking with new swing-frame center pivot mower conditioners from Gehl. Our new 2230 has a full 12' cutting width while the 2262 offers a 14' cut **AND** high speed double sickle cutting action for faster cutting and increased capacity.

Both of these new mower conditioners feature totally hydraulic drive with high torque and smooth operation -- no mechanical main drivelines for reduced maintenance and parts.

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Both the 2230 and 2262 feature a 20" auger to feed the crop into the 57" wide conditioning rolls for thorough crop conditioning.

Now you can get into high capacity haymaking at self-propelled speeds and convenience, without the cost of a self-propelled. The **NEW** 2230 and 2262 swing-frame mower conditioners from Gehl.

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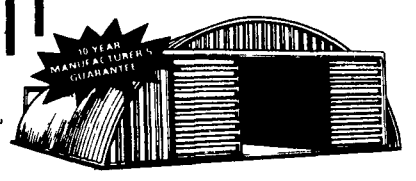

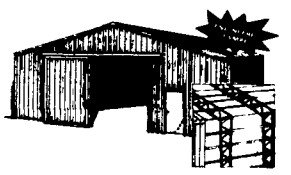

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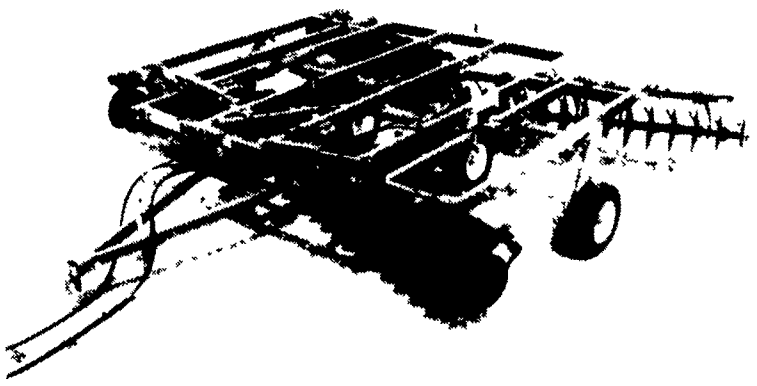
Grimm debuts new hay tedder



Bush Hog, the Alabama-based implement manufacturer, recently introduced this new series 1455 disc harrow.

Bush Hog offers new tandem disc harrow

SELMA, Ala. – Bush Hog has introduced a tandem disc harrow that is built to take the demands of high-speed, large acreage farming, according to Bob Weaver of Carlisle, Bush Hog sales representative for Pennsylvania and New Jersey.

The series 1455 disc harrow's double offset gang design insures that the soil is thoroughly worked while eliminating the need for a center tooth and adjustable blade scrapers keep the blades clean.

"The 1455 is build to handle rough and uneven terrain," Mr. Weaver said. "The wings flex 9 degrees down and 90 degrees up to maintain blade contact with the field and the walking tandem wheels steady the disc while traversing ridges and holes."

The wings fold over for greater transport stability and safety, and passage through gates along roadways is no problem, with transport widths of 12'3" to 16'2".

Among companies devoted exclusively to the manufacture of farm and land maintenance implements, Bush Hog is the nation's largest with more than 100 products and over 3,000 dealers.

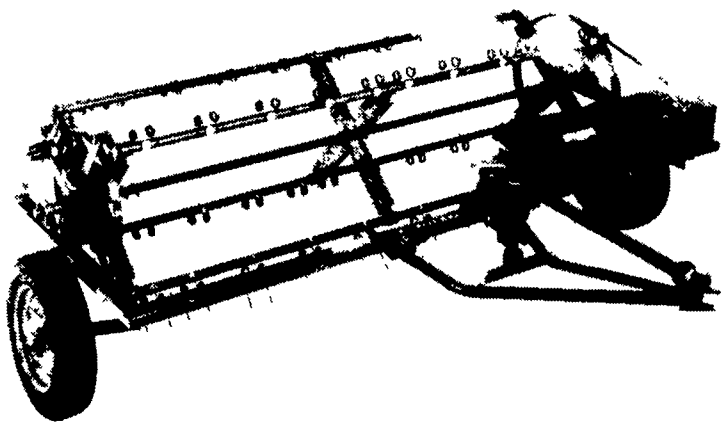
For further information, contact Bush Hog, Department NR-1455, P.O. Box 1039, Selma, AL 36701.

RUTLAND, Vt. – Grimm's new lower-priced SUPER C model Reel Bar Hay Tedder tedds 8 ft. wide and gently turns and fluffs the hay for faster drying without beating the protein-rich leaves off the stems.

The new simplified design and construction of this pto-driven model retains all the features of former Grimm reel bar tedders which have proven so effective during the past 29 years. Its gentle action preserves the leaves while really fluffing the hay for greater air and solar penetration to speed curing and makes a higher quality hay with maximum nutritive value.

Grimm, America's leading manufacturer of reel bar tedders is also America's only manufacturer of rotary head tedders. They offer the eight-foot-wide model "8" tedder-rake and the 16-foot-wide Super "16" model with 4 rotary heads.

For further information, phone 1-800-448-8003 or write G.H. Grimm Co., Inc., Dept. 45, P.O. Box 130, Rutland, Vt. 05701.



Grimm Super "C" Reel Bar Hay Tedder manufactured by G.H. Grimm Co., Inc., of Rutland, Vermont.

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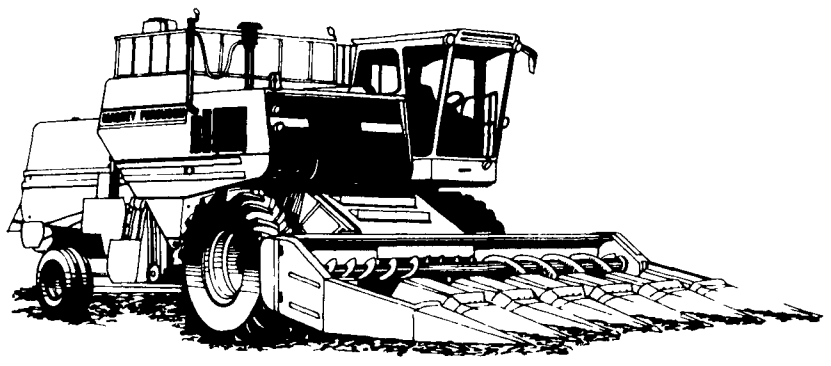

Hurry! These offers expire December 29, 1984.

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Seasons Greetings

AC cites snowthrower

This 62-inch snowthrower is designed for the Allis-Chalmers 5020 and 5030 tractors.

MILWAUKEE, Wi. — A new 62-in. snowthrower designed for the 5020 and the 5030 tractors was recently introduced by Allis-Chalmers.

"The model ST 62 is the perfect snowthrower attachment in either front or rear mounting for the 5020 and the 5030 tractors," said Sam Smith, manager of Allis-Chalmers Tractor Marketing and Lawn and Garden Operations.

"This snowthrower is built to last," said Smith. "It weighs up to 60 pounds more than lighter weight competitive units. The ST 62 also has a fully enclosed gear drive system which means there are no roller chains to oil and adjust."

Other features include carbon steel replaceable and reversible blades and alloy steel skid shoes. Shearbolt protection also prevents costly damage from unexpected solid objects.

An efficiently designed chute rotates 240 degrees, and the chute deflector is easily adjusted without wrenches or tools.

Smith pointed out that the snowthrower was tested and proven by Allis-Chalmers tractor engineers. It is also backed up by the Allis-Chalmers commitment to superior parts and service.

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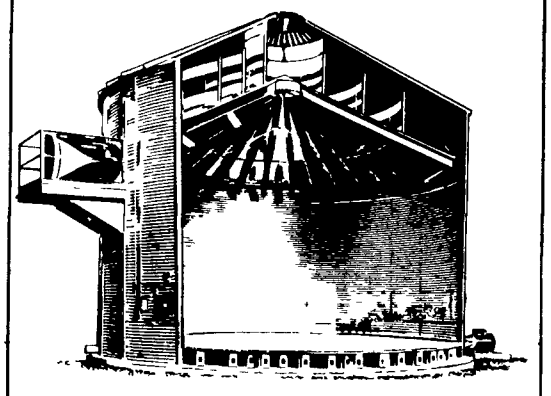

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Agway supports research

SYRACUSE, N.Y. – Twenty-two dairy and livestock research projects at 11 northeastern universities are being supported by Agway financial grants-in-need during 1984-85.

Dr. Darwin G. Braund, director of dairy and livestock R&D at Agway, presented checks totaling $49,000 to university researchers attending the recent Agway College Dairy Conference. This annual Agway-sponsored conference brings together university researchers and industry and agricultural experts to discuss current trends and research findings in the dairy business.

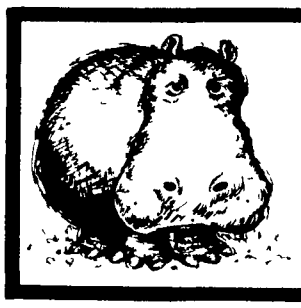
The 22 research projects partially supported by Agway involve nutrition and management areas of major concern to the dairy and livestock industry in the Northeast.

Universities receiving Agway support for these research projects include: University of Connecticut, Cornell University, University of Maine, University of Maryland, University of Massachusetts, University of New Hampshire, Ohio State University, Penn State University, Rutgers University, University of Vermont, and West Virginia University.

About 45% of the funds were allocated to basic or fundamental research with 55% distributed to what could be called applied projects - those with a relatively shorter time required for potential application of results.

In addition to support of university research, Agway conducts applied research at the 450 acre Agway Farm Research Center near Tully, NY. Agway and 15 other U.S. and Canadian cooperatives work together as Cooperative Research Farms to support applied research in a variety of dairy, livestock, and poultry enterprises.

University faculty members receiving Agway Dairy & Livestock research grants-in-aid for 1984-85 are left to right: (seated) Doctors John Vandersall, Maryland; Donald Palmquist, Ohio; James Wohlt, Rutgers; Joseph Tritschler, Massachusetts; William Hoover, West Virginia; John Riesen, Connecticut; (standing) Craig Baumrucker, Penn State; Murray Elliot, Cornell; Martin Stokes, Maine; Darwin Braund; Agway (presented awards); James Welch, Vermont; and Charles Schwab, New Hampshire.



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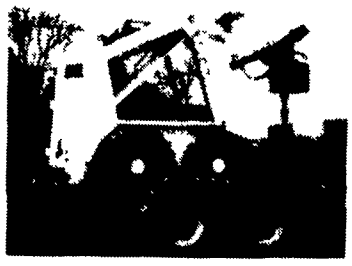

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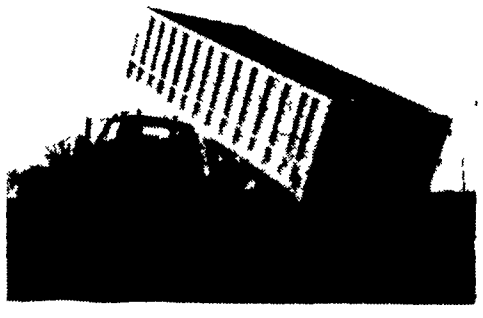

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Ciba-Geigy promotes Sutton

BADEN — Rick Sutton, of Baden, has been promoted from sales representative to technical marketing representative for Ciba-Geigy, covering 15 northeastern and midwestern states.

Sutton is responsible for implementing Experimental Use Permit programs for emerging Ciba-Geigy products, including Tilt, a fungicide for wheat, and Armor, an insecticide for mushrooms. In addition, he will help the company increase sales opportunities for the fungicide Ridomil in the fruit and vegetable markets and the herbicide Dual in the specialty crop markets. He also will provide technical training for Ciba-Geigy sales representatives.

His territory covers Maine, Vermont, New Hampshire, Connecticut, Massachusetts, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia, West Virginia, Ohio and Michigan.

A 1975 graduate of Penn State in agricultural mechanization, Sutton worked as a sales representative for Ciba-Geigy for four years prior to his promotion. He previously was located in Bucyrus, Ohio.

Lancaster offers conservation slide show

LANCASTER — Soil conservation practices can mean an average annual savings of $2,000 per farm in southeastern Pennsylvania, according to the U.S. Department of Agriculture. A narrated slide show explaining how farmers can save this money is available from the Soil Conservation Service Office in Lancaster.

This 11½ minute slide show looks at the Mason-Dixon Erosion Control Area which covers 23 counties in southeastern Pennsylvania, Maryland, and Delaware. "The U.S. Department of Agriculture has targeted special technical and cost-share assistance for the Mason-Dixon Area," according to Cliff Bienko of the Soil Conservation Service.

The slide show illustrates erosion problems and workable solutions for farmers. Controlling erosion stops loss of lime, fertilizer, and manure and can lead to an average annual savings of $2,000 per farm in southeastern Pennsylvania.

Bienko says the Mason-Dixon slide show is available free, on loan, to farm, civic, and school groups. To schedule it, contact the Lancaster County Soil Conservation Service at (717) 299-1563.

Erosion funds increased

LANCASTER — Lancaster County again will benefit from erosion control targeting in 1985. According to a conservation spokesman over $490,000.00 has been added to the Agricultural Conservation Program funds allocated to 14 southeastern Pennsylvania counties for cost-share grants. "These additional monies are part of the Mason-Dixon Erosion Control Program," stated Clifford Bienko at the USDA Soil Conservation Service. 7 Maryland counties and 1 Delaware County are also involved in the Mason-Dixon Program.

Agricultural Stabilization and Conservation Service County Executive Director, Ray Brubaker, reported that Lancaster County's share of the Mason-Dixon cost share monies is $89,144. "Terraces, diversions, grassed waterways, contouring, and contour stripcropping are all eligible practices for these additional cost-share grants," according to Brubaker.

These conservation practices will help to lessen the sediment and nutrient loads that are adversely impacting the Chesapeake Bay. Conserving topsoil will also benefit local farmers. "Eroding soil removes lime, fertilizer, and manure from farms. Conservation practices can keep the soil home and maintain cropland productivity with no increase in fertilizer costs," stated Bienko.

Farmers interested in signing up for the Mason-Dixon Erosion Control Program or the annual Agricultural Conservation Program should come to the Farm and Home Center, Room 3, 1383 Arcadia Road, Lancaster, PA, the ASCS Office, during January, 1985. Additional information may be received by calling the ASCS Office at 397-6235 or the Soil Conservation Service at 299-1563.

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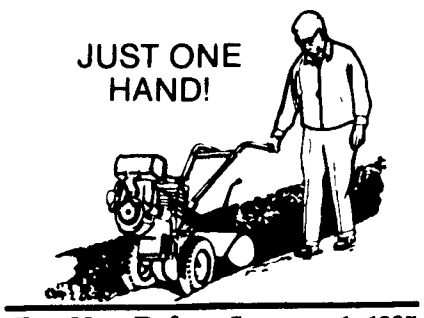

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Impregnation streamlines fertilizer-herbicide application

LACEYVILLE — For dealers facing hectic application schedules in the spring, it makes sense to combine as many trips across customer's fields as possible. Impregnation allows them to do just that.

This weed-and-feed technique combines two trips across the field into one and allows farmers to get into their fields earlier to plant. It's one process that benefits both dealers and farmers.

Impregnation involves the spraying of liquid herbicides onto dry bulk fertilizer in a fertilizer blender. The mixture needs to be blended for several minutes so that the fertilizer granules can be evenly coated with herbicide. After the herbicide and fertilizer are blended, the mixture can be augered directly into a spreader truck, then taken to the field.

For dealers who handle large amounts of herbicide and fertilizers, anything that can lead to convenience is a big plus. Wes Spencer, Agway store manager in Laceyville, Pa., first tried impregnation six years ago for that reason.

Spencer says that by using impregnation with some of his customers, he is taking stress off the work load generated by other customers who prefer having liquid herbicides applied alone.

"Before we started impregnation, we always feel behind on our spray schedule," he points out. "Now, we are using both sprayers and fertilizer spreaders to get the herbicide down, and we feel a lot less pressured to get things done in the small amount of time we have in the spring."

Spencer sees other advantages to impregnation. It offers weed control comparable to that of liquid fertilizer and herbicide mixtures, but costs up to 20 percent less. And farmers who have Spencer impregnate for them do not have to worry about handling fertilizers or herbicides themselves. They also don't need application equipment when it is custom-applied.

"Impregnation is easy, there are no complications with the process, and it beats having to take water tanks out into the field," Spencer says. "Also, application can be made under almost any condition, including windy weather."

When Spencer started impregnation, the only thing he needed to buy was an impregnator, which cost $250. He already had a 5-ton blender for fertilizer mixing. Spencer first tried impregnation on 100 acres. Last year, over 1000 acres were treated with impregnated fertilizer. Out of those acres, 75 to 80 percent were custom-applied.

The herbicides Spencer uses for impregnation include Sutan+, Eradicane Extra, Lasso, Dual and Aatrex for corn and Eptam for alfalfa. Ninety percent of the acres treated with impregnated mixtures last year were in corn, with the rest in alfalfa.

Spencer points out that he makes the recommendation to his customers on herbicide rates. "We usually use Sutan+ at a 2½ quart rate and Aatrex at a 1½ pound rate. If we went with anything lower, we would be sacrificing weed control," he says.

Spencer likes the fertilizer mixture to be spread at a minimum rate of 300 pounds per acre. "If we go with anything lower than that, the mixture will be too wet," he notes. "We look at the needs of the individual farmer, and if one field needs more fertilizer, then we go with a higher rate."

For those farmers who like to apply their own fertilizer/herbicide mixture, Spencer rents out trailer spreaders. An advantage to letting a dealer apply the mixture, though, is that it can cut a farmer's equipment costs. And with custom application, the farmer can rely on the dealer to get the job done right.

Gene Gerould, Agway salesman in Bradford County also sees a trend towards impregnation. Acres treated at the Agway Towanda dealership have jumped from 500 to 1000 acres in the three years that impregnation has been offered.

Gerould sees the same weed problems in his area that are in Spencer's. He claims his customers had good weed control results last year with impregnation.

"I can say that there really is no difference in weed control with impregnation as opposed to applying liquid herbicides," he says. "As a matter of fact, impregnation allows farmers to apply their herbicide and fertilizer under almost every situation."

Minimum and no-till farmers are finding impregnated fertilizers work well on residue-covered fields. With impregnation, fertilizer granules aren't as tied up by debris to the extent that liquids are because granules tend to sift through surface trash.

"By applying an average of 300 pounds of fertilizer an acre, we can cover at least 60 acres in one fill," Gerould says. "If we had to spray, we would continually be stopping to fill up the spray and water tanks."

Wes Spencer, Agway store manager in Laceyville, stands by his impregnation equipment after a busy spring season. Spencer keeps his blender and impregnator outside, so spreader trucks can be backed up to the blender and handling of the fertilizer is kept to a minimum.

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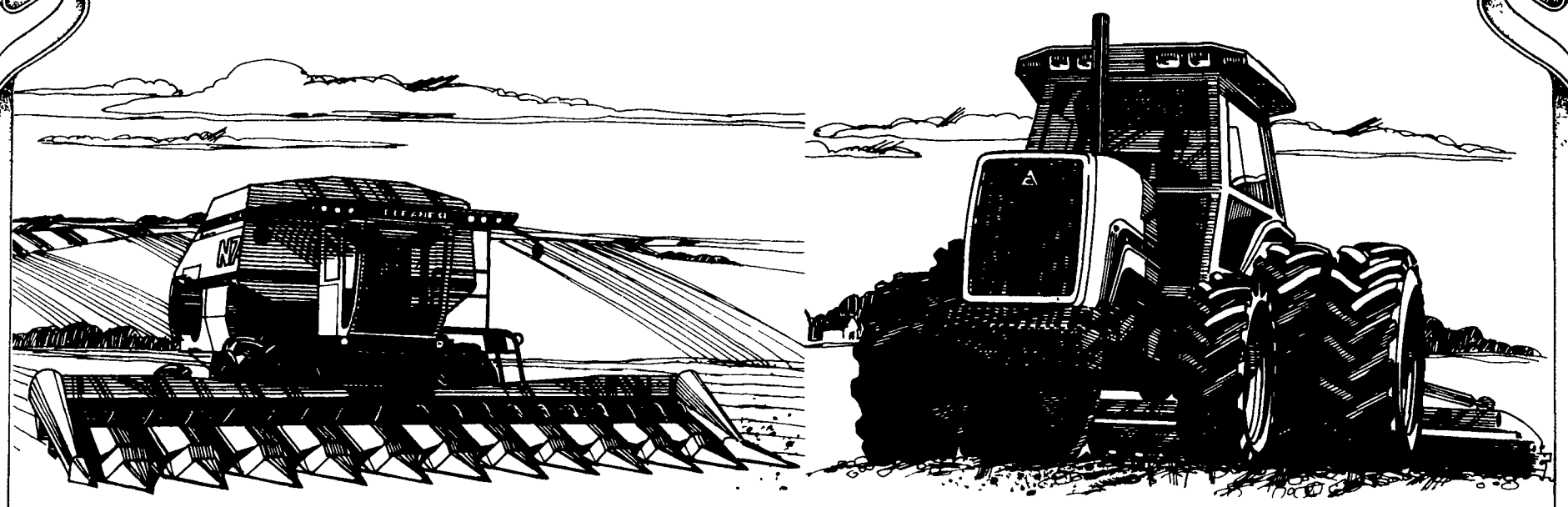

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Betz 40	RH	4 2	305	23,668	4 4	1046
Ronda 34	RH	5 6	305	29,366	3 5	1014
Rumae 70	RH	4-1	305	27,332	3 3	900
Deby 7	RH	4 5	305	27,142	3 1	851
Sundn 27	GrH	4 6	285	23,156	3 6	838
Barb 11	RH	4-7	305	23,388	3 5	818
Kreider's & Nickle						
173	GrH	4 5	305	23,643	4 6	1095
169	GrH	9 0	302	23,810	3 5	843
John R & Rick Groff						
Kimberly	GrH	7 9	305	23,017	4 6	1058
Mary 61	RH	7 11	305	22,064	3 9	853
Earl S Weaver						
Dusty	RH	4-8	305	26,508	3 9	1047
Paul D Welk						
Kay 2	GrH	6-1	305	23,200	4 5	1033
Sherry	RH	4-7	305	20,129	4 8	964
Natalie	RH	4-6	305	20,666	4 0	828
Maiden	RH	5-5	305	18,700	4 3	805
J Mowery Frey Jr						
Joyous	RH	5-5	305	30,804	3 3	1022
C Molly	RH	3-10	305	27,848	3 4	956
Lynn	RH	3-8	305	27,389	3 3	914
Clyde W Martin						
Nutmeg	RH	4-6	305	25,672	3 9	1007
Louann	RH	4-8	305	20,874	4 2	871
Polly	RH	8-3	305	19,998	4 1	820
Markie	RH	9-5	305	22,772	3 5	795
Henry U Stoltzfus Jr						
Korene	RH	5 2	305	28,029	3 6	1004
Galen W Crouse						
Speical	RH	5 11	305	25,879	3 9	1004
Loretta	RH	4-11	305	21,871	3 6	792
Benuel Z Lapp						
Candy	RH	5 0	305	26,286	3 8	997
John Omar Stoltzfus						
Print	RH	7 1	305	25,864	3 9	996
Tony	RH	4-3	305	24,504	3 9	954
Libby	RH	5 9	305	21,012	4 3	900
Diamond	RH	3-3	305	20,016	4 1	815
Gloria	RH	4-11	305	22,372	3 6	797
Neffdale Farm						
Ella	RH	6-4	305	27,615	3 6	988
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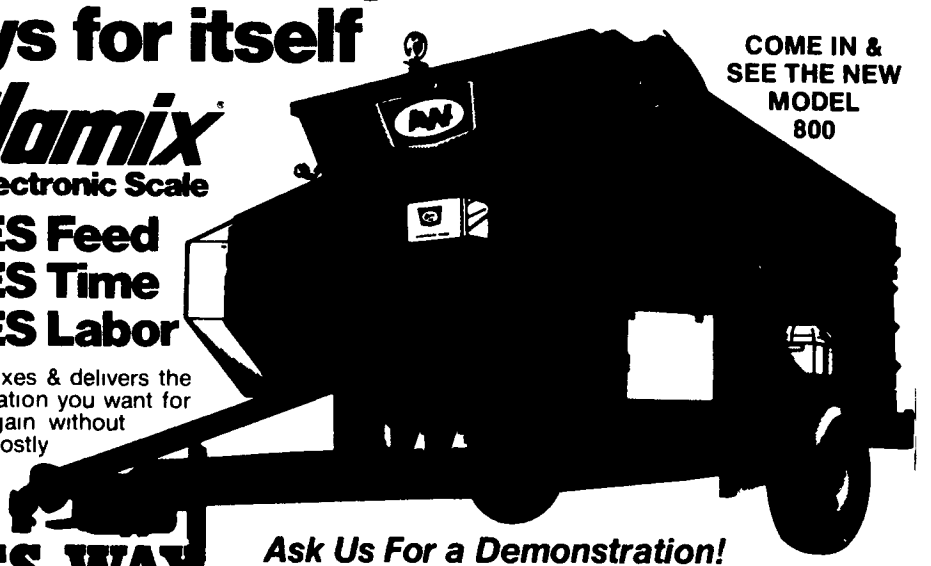

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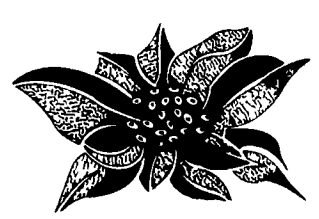
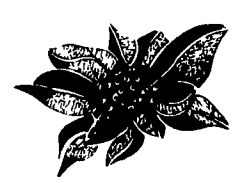
RIGIDPLY RAFTERS INC
MANUFACTURERS of LAMINATED RAFTERS and WOOD ROOF TRUSSES
RICHLAND RD1, Pennsylvania 17087





Lancaster Co. DHIA

(Continued from Page D16)

Curtis E Akers						
Holly	RH	3-2	305	22,929	4 3	985
Jude	RH	4-0	305	22,317	3 9	879
J Wilmer Conrad						
Ellie	RH	4 1	305	23,867	4 1	977
Josie	RH	4-9	305	21,450	4 0	852
P Robert Wenger						
Casey	RH	5-2	305	24,550	4 0	972
Donald R Bare						
64	RH	6-11	305	20,361	4 8	971
65	RH	5-9	305	24,091	4 0	959
53	RH	5-8	305	18,512	4 5	830
Bennie L Fisher						
Greta	RH	8-1	305	23,449	4 1	968
John Omar Stoltzfus						
Sandy	RH	7-0	305	23,404	4 1	968
J S Smucker & Sons Fm #2						
362	RH	5-0	305	24,487	3 9	967
20	RH	4-3	305	24,204	3 4	825
Meadow Springs Farm						
Angel	RH	4-2	305	18,793	5 1	967
J Floyd Kreider						
10	RH	5-5	305	23,144	4 2	964
5	GrH	4-1	305	21,357	3 8	812
K D & Else Linde						
Violet	RG	3-3	305	18,584	5 2	963
Beebee	GrG	5-6	283	15,117	5 3	795
Hiram S Aungst						
Rainy	RH	8-3	305	24,918	3 9	960
Dot	RH	4-8	305	20,570	4 2	864
J Robert Kindig						
Penny	RH	3-9	305	23 867	4 0	959
Kenneth E Zurin						
70	RH	3-0	305	25,667	3 7	956
366	RH	4-0	305	21,997	4.3	949
387	RH	3-8	305	25,035	3 7	932
88	RH	3-11	305	25,125	3.7	920
85	RH	3-11	304	22,097	3 9	869
324 Twit	RH	4-4	305	20,440	4 2	856
367	GrH	4-0	305	22,016	3.6	796
317	GrH	4-5	272	20,200	3 9	791
Omar Smoker						
Vicky 24	RH	10-2	305	20,584	4 6	953
Isabel 6	RH	6-0	305	24,578	3 7	915
Lorrie	RH	5-2	305	21,842	3 8	822
Hickory Grove Farm						
Elsie	GrH	6-2	305	20,672	4.6	950
Buffie	GrH	11-8	305	21,648	4.1	884
Kenneth B Garber						
Kelly	RG	6-4	305	18,125	5 2	949
Lori	RG	6-6	305	20,730	4 5	933
Marvin K Witmer						
Corrie	RH	6-6	305	24,086	3 9	944
Dot	RH	3-5	305	19,743	4 0	797
John P Lapp						
Inka	RH	5-0	305	24,199	3.9	942
Gerald Martin						
Rita	RH	5-0	305	24,383	3 9	940
Violet	RH	4-0	305	20,258	4 2	859
Fran	RH	7-4	305	18,952	4 2	793
David D Zimmerman						
Lou	RH	6-9	305	19,705	4 8	937
Lester M Weaver #1						
109	RH	5-1	305	23,231	4 0	935
Vernon R Umble & Son						
Lucky 2	RH	8-11	305	24,859	3.8	934
Lass	RH	4-1	305	21,373	4.0	856
Elfac	RH	7-10	305	23,609	3.6	845
Buchen Farms						
727	GrH	3-3	305	23,829	3.9	933
410 Mar	RH	8-0	305	23,474	3.7	864
Weaver Homestead Farm						
83	GrH	2-8	305	21,082	4.4	931
90	GrH	2-0	305	20,230	4.3	861
61	GrH	6-5	296	23,008	3.6	837
Albert H Mellinger						
Dolores	RH	6-0	305	22,793	4.1	930
Virginia 2	GrH	3-1	305	18,288	4 4	811
Hershvale Farms #2						
20 Bett	RH	6-3	305	24,832	3 7	926
Melvin R Eby						
Wendy	RH	13-6	305	23,544	3.9	924
John B Groff						
Barb	RH	4-2	305	24,649	3.7	923
Benuel F Stoltzfus						
Charm	GrH	3-2	305	21,472	4.3	920
Soja	GrH	4-1	287	20,880	4.0	825
Harry H Ranck Jr						
Joan	RH	6-1	302	25,904	3 5	919
Ken & Nelson Stoner						
133	RH	3-4	304	20,675	4.4	918
129	RH	7-3	305	21,870	4.1	891
125	RH	3-5	305	21,592	3.9	836
Bright Meadows Farms						
Raven	RH	6-7	305	20,887	4 4	917
Bleny	RH	5-2	305	21,060	3 9	830
Christian Stoltzfus						
Jamie	RH	3-2	305	21,862	4 2	914
Marcey	RH	4-6	305	24,385	3.7	896
Brubacher & Martin						
143	RH	4-1	305	24,115	3 8	913
109	RH	8-4	305	17,876	4 7	845

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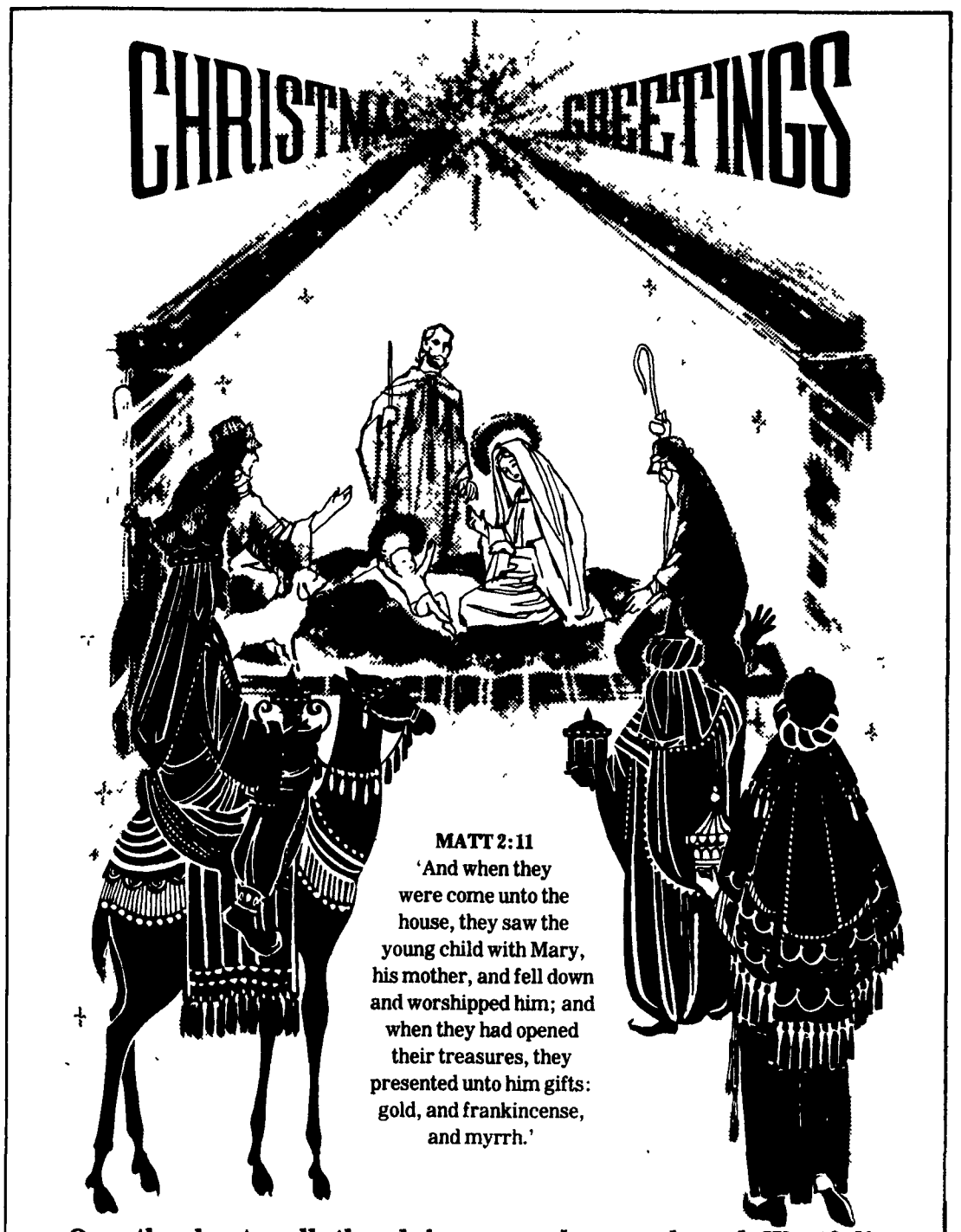

MATT 2:11
'And when they were come unto the house, they saw the young child with Mary, his mother, and fell down and worshipped him; and when they had opened their treasures, they presented unto him gifts: gold, and frankincense, and myrrh.'

Our thanks to all the dairymen who purchased Westfalia equipment during the past year. We wish you and all our friends the happiest of Holidays.

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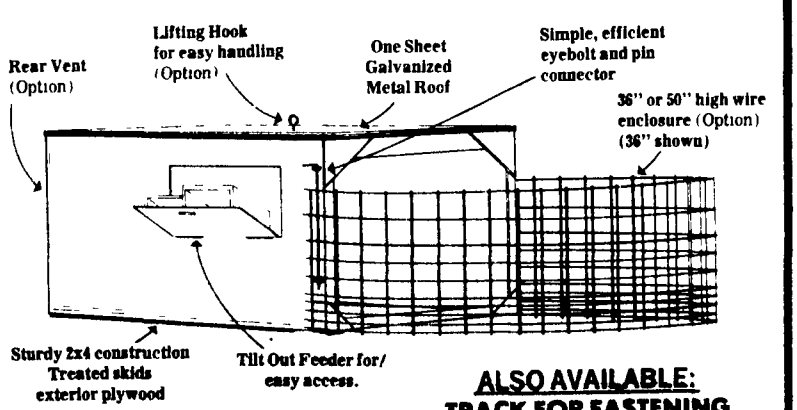
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Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

(Continued from Page D17)

Glenn F Shenk						
Abbie	RH	4-9	305	23,628	3 8	908
Ivy	GrH	4-1	305	20,701	3 9	817
Ben S Stoltzfus						
Queen	RH	4-3	305	23,215	3 9	908
Judy	RH	6-0	305	24,658	3 4	827
Parke H Ranck						
Poppy	RH	6-2	305	20,494	4 4	907
Beth	RH	4-1	305	22,276	3 6	798
John L Landis						
40	RH	3-11	305	24,852	3 6	906
36	RH	4-7	305	20,245	4 0	815
Dale & Steve Hershey						
Shirley	RH	6-0	305	25,469	3 6	905
Maude 52	RH	9-1	305	26,450	3 4	887
Welsh-Vista Farms						
Star	RH	4-4	305	23,420	3 9	904
Frieda	RH	6-9	305	23,045	3 9	894
Ray P Bollinger						
Minnie	RH	6-0	305	20,894	4 3	903
Nathan E Stoltzfus						
Lovie	RH	8-0	305	20,574	4 4	900
Frisky	RH	8-4	305	22,548	3 6	803
Dawn	RH	6-0	305	21,758	3 7	798
Naaman W Stoltzfus						
Myrtle	RH	5-5	305	23,803	3 8	897
Trish	RH	7-10	305	23,521	3 7	880
Christian E Riehl						
Rose	RH	6-2	305	25,784	3 5	895
Robert Gochenaur Jr						
19	RH	3-1	305	25,663	3 5	895
Creek Holsteins						
72	GrH	5-1	305	23,694	3 8	895
Christian Zook						
Poppy	RH	3-3	305	23,055	3 9	895
Renee	RH	4-4	305	22,727	3 8	868
Inkie	RH	4-0	305	22,913	3 5	808
Paul H Martin						
Pamela	RH	3-1	305	22,683	3 9	895
Elberta	RH	4-0	305	19,399	4 5	874
Pansy	RH	5-11	305	21,613	4 0	854
Indian View Farm						
Yacht	RH	4-7	305	23,816	3 7	889
Richard B Hess						
52	GrH	4-9	305	23,842	3 7	888
73	GrH	8-0	305	25,348	3 3	827
45	RH	3-3	305	23,828	3 5	824
Daniel M King						
Chris	RH	3-0	305	21,200	4 2	887
Hershvale Farms						
73 Kathy	RH	4-11	305	24,702	3 6	886
Lester J Wiker						
Julia	GrH	8-4	305	20,666	4 3	886
C Victor Groff						
21	GrH	6-0	305	25,339	3 5	883
100	GrH	6-7	294	21,042	4 0	845
96	GrH	2-7	305	20,422	4 0	817
Kathy	RH	2 11	305	23,074	3 4	793
Albert Breneman						
106 Wini	RH	5-1	305	20,929	4 2	883
G Hershey Hostetter						
Holly	RH	4-3	305	20,739	4 3	883
Orchid	GrH	4 5	305	24,456	3 6	872
Dale W Peifer						
Joyce	RH	6 3	305	22,816	3 9	882
Glenn C Hershey						
Margart	RH	7 10	305	24,803	3 5	880
Robert H Kauffman						
Betsy	RH	6-2	305	19,993	4 4	880
Flossie	RH	3-0	305	21,012	4 0	830
Wilmer R Martin						
Ardith	RH	6 10	305	26,027	3 4	875
Kate	RH	6-2	305	21,295	4 0	850
Samuel E Beiler						
Coco	RH	4 7	305	24,979	3 5	875
James M Harnish						
Maty	RH	6 4	305	21,079	4 2	875
Harry S Aungst						
Beany	RH	5 10	305	19,562	4 5	873
John H Howard						
Lilly	RH	5 1	305	28,273	3 1	872
Stacy	RH	5 9	281	24,805	3 5	863
Marbro Farm						
Sally 7	RH	4 6	305	24,122	3 6	871
Cindy	RH	3 5	305	21,743	3 9	849
Pequea Meadows Farm						
191 Petl	RH	4-6	305	24,313	3 6	866
1 Twst	RH	2-10	305	21,419	4 0	860
150 Gail	RH	6 3	305	21,673	3 8	821
Norman L Hershey						
Sylvania	RH	4 11	291	23,635	3 7	863
Spring Lawn Farm						
5	RH	5 9	305	18,689	4 6	863
115	RH	3 7	305	20,860	3 8	794
Christian G Becker						
196	GrH	6-8	305	21,074	4 1	862
Darryl Bollinger						
Butch	RH	5 9	305	23,010	3 7	861
Alvin M Martin						
11	GrH	9-7	305	22,165	3 9	861
Spring Belle Farm						
Diamond	RH	4-1	297	21,526	4 0	861
Queen	RH	8 8	305	23,217	3 6	843
John M Harnish						
72	GrH	8-10	305	25,551	3 4	860
Fayne	RH	3 3	305	25,107	3 4	842
Melanie	RH	4-2	305	23,743	3 4	798
Marieta	RH	6-9	305	22,067	3 6	793
Elam Petersheim						
Pris 117	RH	7 11	305	18,509	4 6	859
Willis S Nolt						
11	GrH	6-8	305	18,134	4 7	854
Glenn D Hershey						
Bessie	GrH	3-1	305	21,085	4 0	853
John S Nolt						
Lorie	GrH	7-11	305	20,932	4 0	847
Jo Jo	RH	6-2	305	23,756	3 4	811
John J Landis						
Beam	RH	6 5	305	23,256	3 6	845
Abram M Stoltzfus						
Star	GrH	5 7	305	22,038	3 8	845
Roy H & Ruth H Book						
Bubbles	RH	8 10	305	23,328	3 6	844
Ferncrest Farm						
	GrH	6 5	297	17,702	4 8	844
Aaron S Glick & Sons						
44	GrH	5-10	305	24,303	3 5	843
Luke S Stoltzfus						
Masie	RH	6-7	305	20,166	4 2	843
Warren F Bollinger						
33	GrH	4 5	305	22,217	3 8	842
Luke L Martin Jr						
Gertie	RH	7 2	305	20,243	4 2	841
Cedar Fringed Farm						
Sophia	RG	3 0	305	15,936	5 3	841
Paul S Sauder						
Sylvia	RH	7 10	305	21,874	3 8	838
Idol	RH	6 0	305	21,414	3 9	826
Donald M Eckman						
Peach	RH	4 5	305	20,439	4 1	838
Red Knob Farm						
186	GrH	4 5	305	21,455	3 9	836
67	GrH	5-6	305	20,857	3 8	791
Jonathan K Lantz						
Rene	GrH	4 11	305	23,101	3 6	834
John Z Beiler						
Matilda	RH	4 0	305	20,141	4 1	834
Polly	RH	6 3	305	21,783	3 6	794
Levi S Stoltzfus						
Blink	RH	5-0	305	19,769	4 2	834
John W Martin Jr						
63	GrH	4 5	305	18,649	4 5	833
Twin Oak Farms						
281	GrH	6-1	305	20,352	4 1	832
332	GrH	4-5	305	18,564	4 3	791
Daniel Dienner Jr						
Mable	GrH	5 2	305	21,000	4 0	831
Dottie	GrH	3-6	305	22,522	3 7	823
Alice	GrH	4-6	305	19,464	4 1	803
Kate	GrH	3-4	305	19,581	4 1	794
Robert Martin						
68	GrH	6-9	305	23,156	3 6	830
Singing Maple Farms						
59	RH	5 5	305	22,717	3 7	830
Noah K Beiler						
Nina	RH	4 7	305	27,005	3 1	829
Adam & Jerene Zimmerman						
Monica	GrH	4-1	305	23,424	3 5	829
Lee Nome Farm						
Sharon	RH	6-2	305	24,719	3 3	827
H Landis Weaver						
Lady	RH	8-4	305	17,046	4 9	827
Shellenberger Bros						
Belin 23	RH	4-4	305	21,011	3 9	826
Pequea Heights Farm						
Miz	RH	7 9	305	21,331	3 9	825
Richlee Farm						
Nuget	RH	3-9	305	20,408	4 0	823
Clair M Hollinger						
150	RH	5 10	305	19 544	4 2	823
Alelpa Farms						
43	GrH	7 8	305	19,501	4 2	823
John S Zimmerman						
18	RH	9 5	287	18,318	4 5	823
G M Weaver						
Gayle	GrH	5-4	305	23,315	3 5	820
Willis M Martin						
Orpha	GrH	5-1	305	21,501	3 8	820
Delmar H Wenger						
Henny	RH	9-10	305	21,286	3 8	819
Sol S Stoltzfus						
Alice	GrH	8-2	305	24,490	3 3	818
Nelson R Habecker						
6	GrH	5 3	305	20,847	3 9	818
3	GrH	3 8	305	19,118	4 2	803

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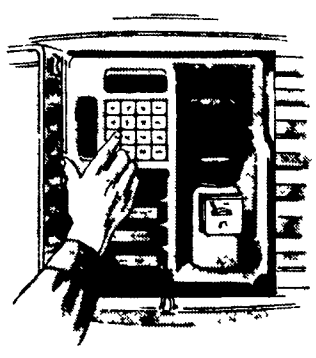

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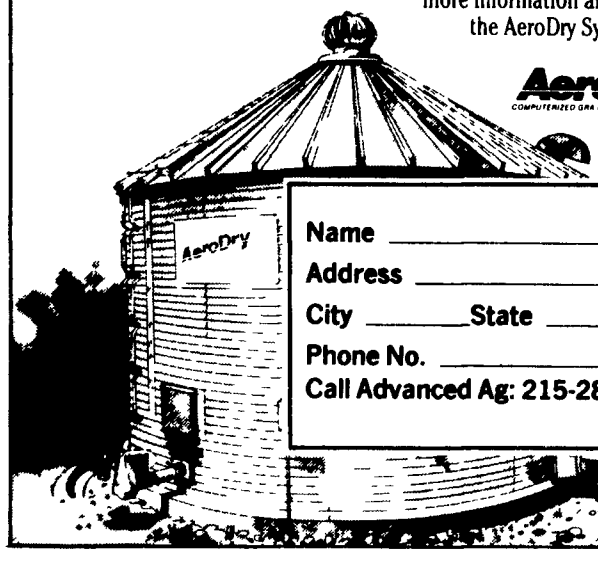

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Lancaster Co. DHIA

(Continued from Page D18)

Edgefield Farms						
Betty	RH	7-0	305	20,170	4 1	818
Angela	RH	3 7	305	20,692	3 9	806
Harold G Shelly						
Angel	RH	4-4	302	19,285	4 2	818
Raymond M Weaver						
105	RH	7 1	305	17,988	4 5	817
David W Hunt						
Dot	RH	4-6	305	21,869	3 7	816
Middle Creek Farm						
Liz	RH	7-5	305	23,140	3 5	815
Penn Har Va Farms						
Twila	RH	3-3	305	23,080	3 5	815
Ellis D Kreider						
186	GrH	4-0	305	21,560	3 8	815
Saphire	RH	9-6	271	19,572	4 1	806
Groffdale-Lot						
Becky	GrH	2-9	305	20,339	4 0	814
John F Petersheim						
13	RH	5-2	305	20,588	3 9	813
Curvin W Nolt						
53	RH	5-11	305	18,511	4 4	812
Tom Zartman						
251	GrH	3-3	305	23,054	3 5	811
Ira D Welk & Sons						
Lacybel	RH	3-11	305	20,074	4 0	810
Kenneth D Myer						
Denise	RH	6-3	305	23,824	3 2	806
Blondie	RH	8-7	305	19,190	4 2	801
Nelson H Wenger						
Whisper	RH	6-9	305	14,554	5 5	806
Paul H Hursh						
59	GrH	5-0	305	22,798	3 5	805
Jacob L Stoltzfus						
57	GrH	8-6	262	21,177	3 8	804
Arthur P Sweigart						
Kitten	RH	5-11	305	22,821	3 5	803
Tritown Farm						
Martha	RH	5-1	305	23,981	3 3	802
Edwin J Landis						
Jennie	RH	6-0	305	19,882	4 0	802
Queen	GrH	3-0	305	16,277	4 9	798
Irwin W Engle						
153	RH	4-4	305	19,723	4 1	802
Ivan M Hursh						
Nettie	GrH	3-10	292	19,469	4 1	802
Latecia	GrH	4-1	305	18,726	4 3	801
David E DeLong						
321	RH	6-0	296	19,168	4 2	802
507	RH	3-6	305	19,186	4 2	800
Eugene S Martin						
Mindy	RH	9-4	305	22,891	3 5	801
Jay E Landis						
Beretta	RH	6-6	305	20,629	3 9	801
William H Douts						
8	GrH	7-10	305	19,714	4 1	799
Natham G Stoltzfus						
Honey	RH	10-1	296	18,279	4 4	799
Jay R Nissley						
43	GrH	6-2	305	22,501	3 5	798
78	GrH	6-2	305	21,084	3 8	791
David A Spangler						
Daisy	RH	3-4	305	18,902	4 2	797
Graywood Farms						
474	GrH	7-2	284	20,733	3 8	796
Mervin L Martin						
3	GrH	8-4	305	17,511	4 5	796
Harvey W Stoltzfus						
Rocket	RH	3-11	305	14,549	5 5	796
Jonas E Zook						
Becky 6	RH	4-1	305	23,229	3 4	795
Loren L Zimmerman						
Elmie	GrH	4-10	305	21,827	3 6	795
Lenewood Farm						
Lana	RH	4-1	305	23,088	3 4	793
Enos B King						
Jill	RH	4-6	305	23,188	3 4	792
Abraham Shelly Jr						
Fairy	RH	3-5	301	20,367	3 9	792
Jacob R Houser Jr						
Star	RH	5-2	305	18,657	4 2	792
Jonas B Lantz						
Conni 4	RH	9-7	305	22,369	3 5	791
Ivan Z Martin						
Clara	RH	5-4	305	22,028	3 6	791
Amos E King Jr						
Alice	RH	6-0	305	19,838	4 0	790
E R & R E Denlinger						
Princes	RH	3-5	296	19,337	4 1	790
Walnut Run Farm						
5	GrH	2-2	305	17,987	4 4	790

McKEAN COUNTY DHIA
September 1984

Charles Irons	80	17,241	729
John H Lapp	58	18,505	698
Sy Tanner	32	17,773	692
Orton Kinney	26	17,489	661

Lactation Report-(Over 750 Lbs.)

Charles Irons				
Paullyn	11-8	305	22,081	1034
Starlt	9 2	305	17,974	766
Prinkle	8-3	278	18,886	879
Barbett	8 1	305	18,350	790
Samone	5-11	305	23,868	1052
Ammonia	4 3	305	21,723	797
Shake	2 2	305	17,066	802
Donald Michelitsch				
Lillian	5-2	305	20,770	779
Lesa	5 2	305	24,874	913
G L Carlson Inc				
Pitsy	9 4	305	20,694	755
John H Lapp				
Violet	4 3	305	19,518	825
Orton Kinney				
Jean	3 11	305	23,612	842
Orville Johnson				
10 81	5 7	305	21,560	853

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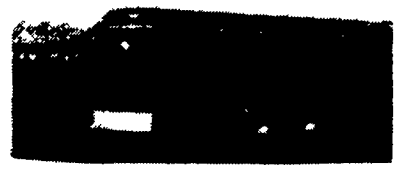
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Mifflintown, PA., Mervin Zendt 717-436-6386
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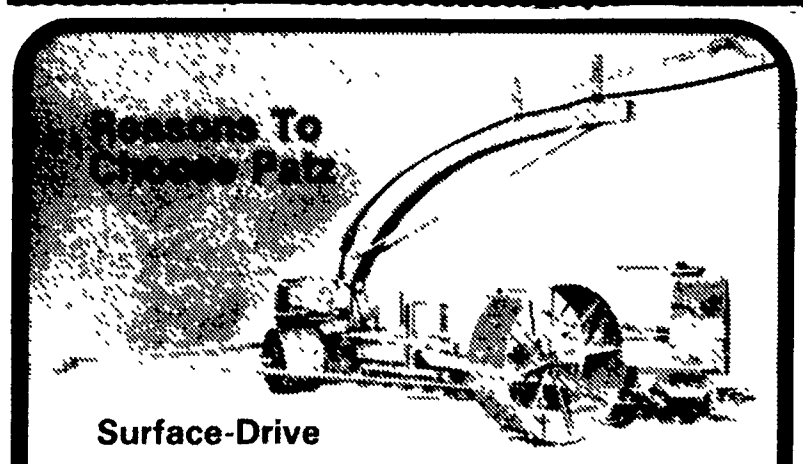

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Roy W Thillberg
216-549-5492

Season's Greetings

Velsicol raises funds for farm market development

CHICAGO — Six farm commodity organizations now have $249,887 more to spend to build markets for corn, wheat, beef, pork, cotton and real dairy foods.

The monies were raised through Velsicol's Operation Trade Expansion, a program underwritten by Velsicol Chemical Corporation, Chicago. In addition to announcing the large contribution, Velsicol has also disclosed plans to continue the program in 1985.

Initiated in the fall of 1983, Velsicol's Operation Trade Expansion contributes funds to farmer-supported commodity organizations for use on specific market expansion projects. For every gallon of Velsicol herbicide sold and reported in the 1984 season, Velsicol donated 50 cents to the American Dairy Association, Cotton Incorporated, National Association of Wheat Growers, National Corn Growers Association, National Cattlemen's Association and the National Pork Producers Council. Farmers and ranchers filled out "ballots" at their ag chemical dealerships to determine which organizations would receive the funds.

The contributions, as determined by the farmer and rancher ballots cast in 1983-84, will be distributed as follows: American Dairy Association, $15,501; Cotton Incorporated, $10,136; National Association of Wheat Growers, $73,743; National Corn Growers Association, $97,758; National Cattlemen's Association, $32,210; and the National Pork Producers Council, $20,539.

"Because of the good response by farmers to the program the first year, we were able to donate a total of $249,887 to the six commodity groups in 1984," said Dale Miller, Director of Marketing and Sales for Velsicol Chemical Corporation. "We hope to greatly exceed that figure in year two of the program. Velsicol is committed to helping expand both foreign and domestic sales of U.S. farm commodities," he said.

Velsicol initiated Operation Trade Expansion because the company believes agribusinesses have an obligation to help insure markets for the nation's ag production.

Groups participating in the 1985 program will include: American Soybean Association, Cotton Incorporated, National Association of Wheat Growers, National Cattlemen's Association, National Corn Growers Association, and the National Pork Producers Council.

All Velsicol herbicides (Banvel, Banvel II, Weedmaster, MonDak and Carbyne) are included in the program. Participation in Operation Trade Expansion does not constitute a product endorsement by the commodity organizations, Miller emphasized.

Farmers will find ballots to make their commodity group selection at ag chemical suppliers where herbicides are purchased. 1985 ballots are also being mailed to all farmers who cast a ballot in 1984.

A new commodity group in the program for 1985, the American Soybean Association, plans to direct funds they receive from Velsicol into developing a soybean food product which meets the dietary and taste requirements of the people of India. The goal is to increase demand for U.S. soybeans and soy products.

Cotton Incorporated received $10,136 from the 1984 program and will use funds from year one and two of Operation Trade Expansion to help underwrite the cost of their successful "True Performance" promotion, which encourages manufacturers of apparel and home furnishings to use special labels which allow easy consumer identification of the particular benefits of cotton products.

The National Association of Wheat Growers (NAWG), through its Foundation, will invest year one and two Operation Trade Expansion monies in three projects. NAWG received $73,743 in 1984 and will sponsor trainees from the People's Republic of China to attend the American Institute of Baking. Once trained in the U.S., the representatives will train others when they return to China. The Wheat Growers Foundation will also make bakery equipment available to training schools in

(Turn to Page D22)

Hog feeder announced

B & W Manufacturing Company of Columbus, Neb., has announced the addition of a 60 bu. capacity indoor Hog Feeder to their line of Rocking Hog Feeders. This new model "Econo-Line" has the same "off the ground" design which has proven to be highly successful with the older 80-bushel model. Important characteristics of the B & W Rocker-Action Hog Feeder include "Positive feed flow—from pellets to ground alfalfa; adjustable height from ground to accomodate all size hogs; and, the unit is easily moved—mounted on heavy steel supports.

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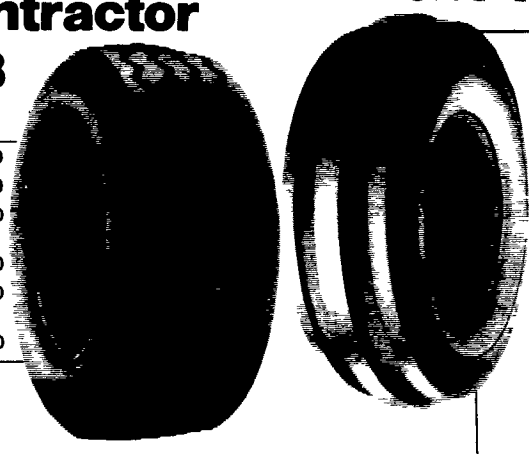


400 12	$22 00
400 15	$24.00
500 15	$31.00
550 16, 4 ply	$33 00
550 16 6 ply	$36 00
600 16 4 ply	$37 00
600 16 6 ply	$41 00
650 16 6 ply	$42 00
75L 15 6 ply	$50 00
750 16 8 ply	$54 00
750 16 6 ply	$50 00
750 18 6 ply	$64 00
9 5L 15 6 ply	$55.00
9 5L 15 8 ply	$60.00
1000 16 6 ply	$80.00
11Lx15, 8 ply	$75.00
1100 16 8 ply	$110.00
14L 16 1 8 ply	$160.00

Loader-Dozer

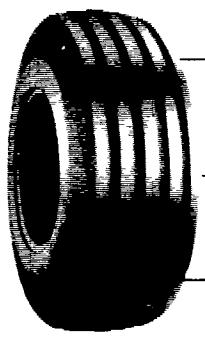
11Lx15 8 ply	$80 00
11Lx16 8 ply	$92 00
11Lx16 10 ply	$98 00
750 800x16 10 ply	$80 00
11Lx16 12 ply	$130 00
145 75 16 1 10 ply	$225 00

★ TUBELESS ★

16 9x24 8 ply -	$265.00
16 9x24 10 ply -	$330.00
17 5Lx24 6 ply -	$240.00
17 5x24 8 ply -	$270.00
15 5x25 12 ply -	$320.00
17 5x25 12 ply -	$445.00

★ TUBE TYPE ★

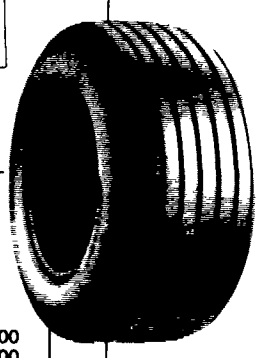
14 9x24 6 ply -	$200.00
14 9x24 8 ply -	$220.00
16 9x24 6 ply -	$220.00
16 9x24 8 ply -	$235.00
16 9x24 10 ply -	$280.00
17 5Lx24 8 ply -	$240.00
16 9x28 8 ply -	$260.00
18 4x28 10 ply -	$340.00
20 5x25 12 ply -	Call For Quote
23 5x25 16 ply -	
1300x24 10 ply -	$225.00
1300x24 12 ply -	$245.00
1400x24 10 ply -	$255.00
1400x24 12 ply -	$280.00



1100x16 12 ply tube type 135.00

1100x16 12 ply tubeless 150.00

Wagon Tires



26 1200x12 4 ply	49 00
8 5Lx14 6 ply	41 00
9 5Lx14 6 ply	44.00
9 5Lx14 8 ply	49 50
11Lx14 6 ply	49 00
9 5Lx15 6 ply	42 00
9 5Lx15 8 ply	44 00
11Lx15 6 ply	43 00
11Lx15 8 ply	47 00

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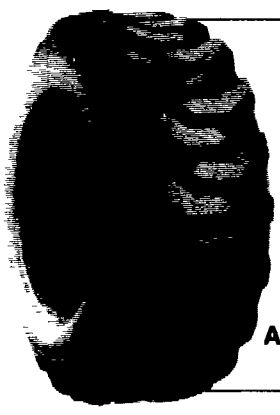
11Lx15 8 ply tubeless	$50 00
11Lx16 8 ply	58 00
11Lx16 10 ply tubeless	74 00
12 5Lx15 10 ply	75 00
12 5Lx16 14 ply	85 00
14Lx16 1 12 ply	140 00
16 5Lx161 10 ply tubeless	160 00

Skid Loader Tires



700x15 6 ply	$65 00
750x15 6 ply	$68 00
10 16 5 6 ply	$80 00
12 16 5 8 ply	$120 00
Steel Shield 10 16 5 6 ply	$95 00

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8 3x24	$95.00
9 5x24	112.00
14 9x24 6 ply	195.00
16 9x24 6 ply	210.00
18 4x16 1 6 ply	245.00
18 4x26 6 ply	340.00
11 2x28 4 ply	152.00
13 6x28 6 ply	225 00

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Worst of the worst

Fall panicum hits Pennsylvania corn growers harder than any other weed, according to a recent survey among the state's county extension agents. In the survey, conducted by Stauffer Chemical Company, agents rated fall panicum the worst weed in terms of difficulty to control, acreage and economic damage. The company recommends a preplant incorporated (PPI) herbicide, such as Sutan+ or Sutazine+, for the most dependable control of this annual grass in corn.

A single fall panicum plant typically produces a half-million seeds. Among the 17 corn-producing states surveyed, only foxtails infest more acreage overall than fall panicum.

Feed weighers reported

CHAMBERSBURG

Automatic Feed Weighers operate on the balance scale principle, weigh grain, meal, pellets or protein in continuous flow without electricity according to Ryder Supply. Rotating paddles create moving cells which trap grain, weigh it, dump and record. The result is an accurate record of material that passes through the weigher.

Portable and compact, the weighers feature all steel construction with sealed bearings for smooth, trouble-free operation. Units adapt to any roller mill or other processor, augers or mixers. They can be mounted under overhead bins or over hoppers. Available in three models: F-3 to handle 200 lbs./min. in 6-12 lb. dumps; F-6 to handle 400 lbs./min. in 12-24 lb. dumps; and F-12 to handle 1,000 lbs./min. in 24-40 lb. dumps.

For further details contact the manufacturer, Automatic Equipment Mfg. Co., Department NR, Pender, Nebraska 68047, 402-385-3054, or the distributor, Ryder Supply, Box 219, Chambersburg, Pennsylvania 17201.

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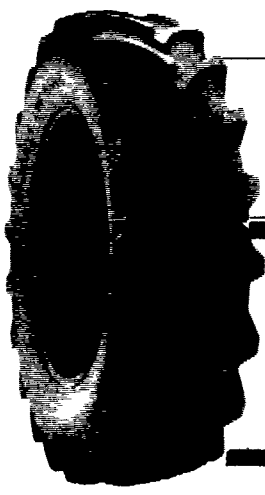
14 9x24	6 ply	165 00
14 9x24	8 ply	190.00
16 9x24	6 ply	190.00
16 9x24	8 ply	210.00
14 9x26	6 ply	172.00
18 4x26	6 ply	235.00
23 1x26	8 ply	525.00
11 2x28	4 ply	115.00
12 4x28	4 ply	130 00
13 6x28	4 ply	145.00
13 6x28	6 ply	160.00
14 9x28	4 ply	160.00
14 9x28	6 ply	175.00
16 9x28	6 ply	220.00
16 9x28	8 ply	240.00
16 9x30	6 ply	230.00
18 4x30	6 ply	270.00
23 1x30	8 ply	650.00
24 5x32	10 ply	750.00
16 9x34	6 ply	255.00
18 4x34	6 ply	299.00
18 4x34	8 ply	325.00
20 8x34	6 ply	459.00
20 8x34	8 ply	510.00
23 1x34	8 ply	689.00
11 2x38	4 ply	140 00
12 4x38	4 ply	168 00
13 6x38	4 ply	179 00
13 6x38	6 ply	198 00
14 9x38	6 ply	224 00
15 5x38	6 ply	225 00
16 9x38	6 ply	279 00
18 4x38	6 ply	325 00
18 4x38	8 ply	365 00
20 8x38	8 ply	510 00

Super Hi-Power Lug
RADIAL



18 4R34 6 ply	$399.00
18 4R38 6 ply	$459.00
18 4R38 8 ply	$529.00
20 8R38 8 ply	$649 00
20 8R38 10 ply	$699.00

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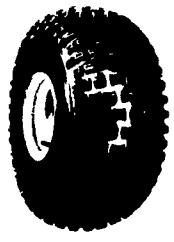
8 3x24	4 ply	79.00
9 5x24	4 ply	84.00
11 2x34	4 ply	135.00
11 2x36	4 ply	137.00
12 4x36	4 ply	155.00
13 6x36	4 ply	189.00



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25x12-9..	$54.71
18x950-8	$30.65

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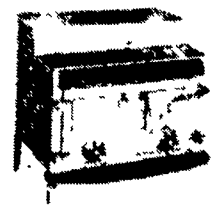

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What About Leasing Dairy Cattle?

There are two types of leasing for dairy cattle. One is between "friendly" parties. In this case the owner is trying to (a) preserve some breeding stock, (b) prove a bull, (c) develop a sale animal with records you will put on it, (d) build part or all of a herd before going into business, or (e) help the dairyman get started. In any case, the immediate, primary goal is not to make money on the lease itself nor is it to acquire animals. The only dangers in this type of program are (a) a misunderstanding between the two parties as to who pays the bills, (b) a loss of an animal, (c) failure to put the kind of record on the animal that is desired, (d) failure of either party in business which will disrupt the desired program. It is a good idea to get a contract in writing drawn up between the two parties. Even then some disagreements are possible and should be discussed by the two parties. These types of leases have been used in central Pennsylvania for a number of years. They usually accomplish the goals of each party to a limited degree.

Lease - Purchase

The lease-purchase program is a completely different type of contract. The purpose of the leasing company is to make a return on its investors' money, plus a return to the company for administrative and management costs. The leasing company really doesn't care about the cow records because their primary goal as far as the cows are concerned is to sell them — preferably to you. The price of the cow is usually the price paid for it or at least the one paid for the original cow. Their return would be the difference between the price of the cow and the rental charge plus salvage value of the cow.

In most of the leasing contracts I have reviewed, the cost to the dairyman has been very high. In some cases it has been as high as a 26 percent annual cost. As with the machinery lease-purchases discussed last week, dairymen, considering leasing as an avenue for acquiring ownership of dairy animals should budget it out. What is the cost of leasing in relation to the cost of buying? Unlike equipment, the additional risk to the leasing company will probably make the cost prohibitive. Sometimes dairymen are tempted to lease because they cannot get the money to buy. I guess my recommendation has to be if you don't have the equity of the income-producing potential to buy, you'll get into trouble leasing. Remember that a cow can only generate a certain amount of money. A reasonable rule of thumb is that you can usually use up to 25 percent of the cash income per cow to pay total debt payments (principal and interest) plus rent for anything. Example: a cow producing $1862 worth of sales (use milk sold per cow not produced) including regular guaranteed sales of breeding stock will handle $466 in total debt service plus rent. (The debt service is for everything being purchased except land used to produce sale crops.) Some farmers are more efficient than that and could squeeze out up to $652 per cow, while others would be in trouble if they went over $280 per cow.

Farm Market

(Continued from Page D20)

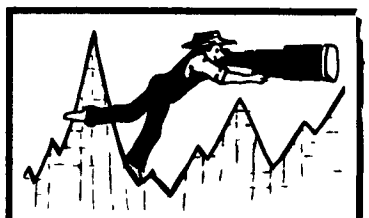
China and host buyers to meet with growers at its annual meetings.

A media event which emphasizes the safety and wholesomeness of beef is planned with Velsicol's 1985 contribution to the National Cattlemen's Association. In 1984, NCA used the $32,210 to publish and distribute a brochure called "Myths and Facts about Beef".

The $97,758 provided to the National Corn Growers Association in 1984 is being invested in domestic corn markets, specifically corn sweeteners and alcohol fuels. In 1985, NCGA Operation Trade Expansion monies will continue to be used on the sweetener and alcohol fuel programs and other similar market development projects.

The National Pork Producers Council is using the $20,539 donation made by Velsicol for consumer education. NPPC's programs inform junior and senior high school students and teachers, as well as food editors, of the healthfulness and versatility of pork in American's diets. NPPC funds from Velsicol's 1985 program will sponsor a major media event for 25 women's magazine food editors.

The American Dairy Association participated in the first year of the program and received $15,501 to promote real dairy foods at the National Restaurant Association show.



THINK AHEAD...
Read Futures Markets on Page 3.

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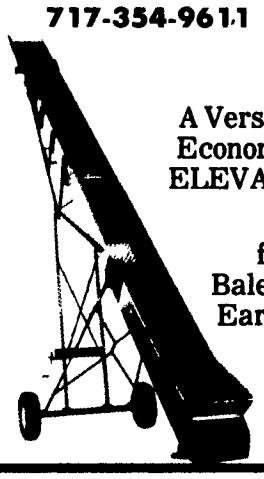

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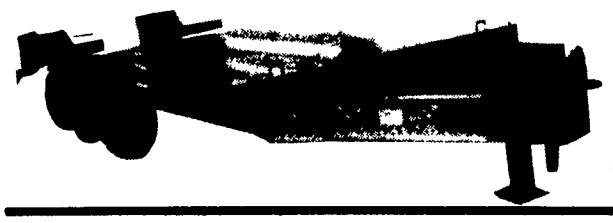

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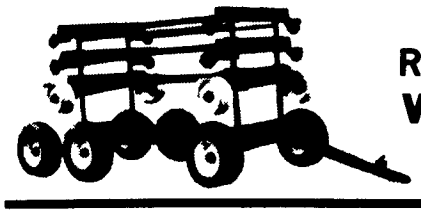

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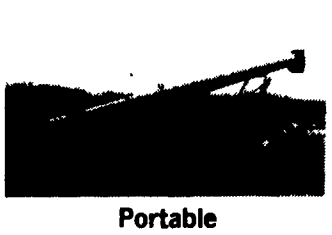
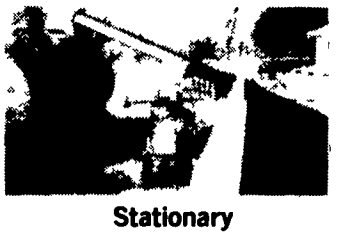


Portable



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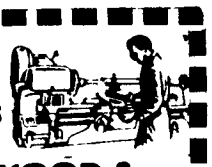

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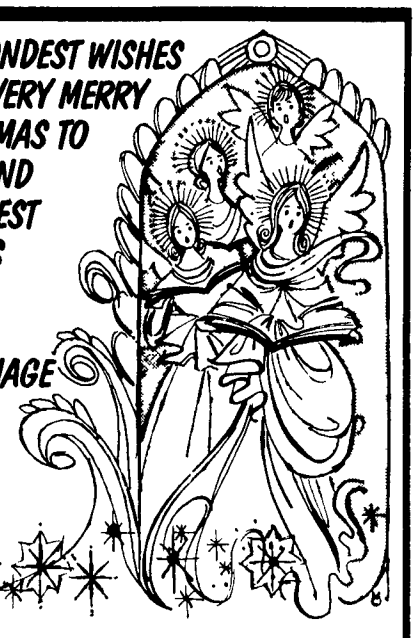

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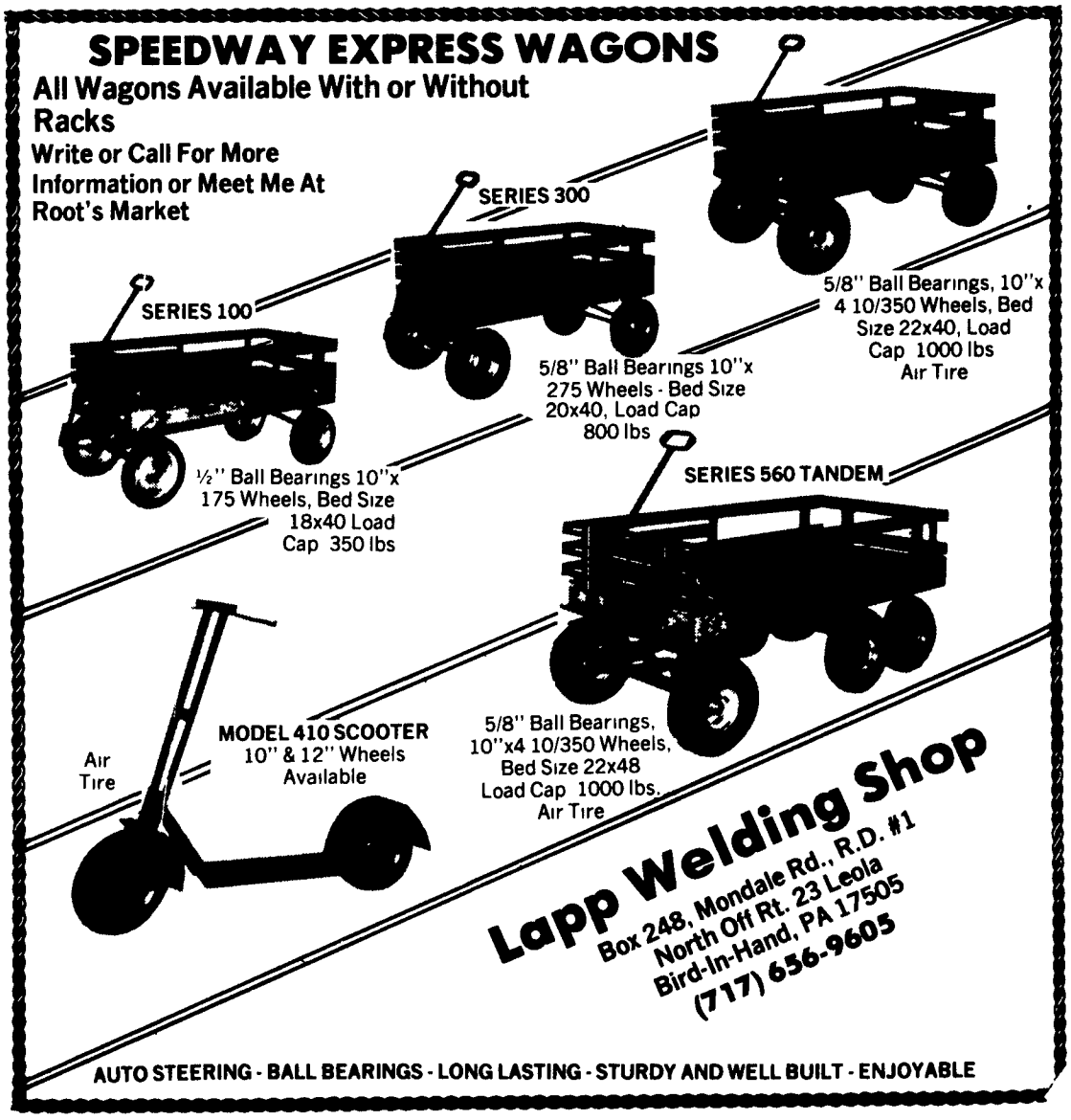

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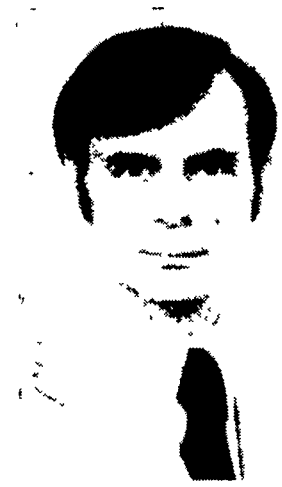

Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

A FLOPPY DISK MIND

After attending the recent Penn State Dairy Computer Conference, my mind feels like a floppy disk, spinning around in the dark confines of a computer.

The countless opportunities for the application of computer technology to agriculture, the maze of hardware and software that exists in the market place—and the uncertainty as to what is or isn't good and what is or isn't useful, the incompatibilities between hardware and software, and the many new developments that are on the horizon just boggle my mind!

This is not meant to be negative; in fact, it depicts the exciting time that we live in. The explosion of computer technology for home and family business use has been so rapid that we've experienced a general lack of direction to the overall confusion. But, that is changing.

We are starting to see some standards emerging in the industry. Many farm organizations and industries are announcing the direction they are heading, and as such, are pulling many followers with them. They have had some time now to develop some really good software to make-up for what was lacking in the market place; in so doing, they may help rid the market place of some of its chaff. But, we've only begun!

Benefactors

The entire dairy industry has benefitted from computer technology already. Just think where we'd be today had it not been for DHIA and sire summaries. We've made great genetic advancement, thanks to computers, DHIA, AI and all the dedicated people that make the system work.

But, that's in for some changes, too. We live in a fast world, and in today's tight and changing economy we want instant answers to questions about management decisions. The technology for providing some of these answers exists now and more is on the horizon.

Imagine your barn sheet data being transmitted from a supervisor's hand-held computer to the main computer at a processing center, the data immediately processed (except for SCC, fat test and protein test), and the computed records immediately sent down to your computer where you can review it and call up the various herd reports you need for quick management decisions.

With automatic cow identification and milk recording devices you can record cows' actual production, and from this computer actual or projected lactation records—if the recorder can talk directly to your farm computer, and if cows can be identified accurately. Some of these recorders will be able to measure electrical conductivity of milk as a way of signaling udder infection. So, at each milking you can flag out cows that are off milk or in the early stages of infection.

By monitoring cows' activity, or temperature, you may also be able to flag out cows coming in heat or cows that are becoming ill.

We already see a lot of computer feeders being used. Wouldn't it be nice if you could get a computer to balance a cow's ration daily on the basis of her daily production, her stage of lactation, and perhaps her fat test and body weight too? It may soon come to be.

Computerized Feeders

Properly managed, computerized feeders have been cost effective on many farms. Computers can be programmed to dispense precise amounts of feed to individual cows at various increments throughout the day. Some can also record the amount of feed dispensed and flag cows that are off fed. But, for good results, the computer has to be programmed properly for each cow and adjusted when necessary. The cow has to consume the feed, and the equipment has to be functional.

Workers at Illinois have found that for best results, the maximum number of cows per stall should be about 25. Above this, cows have more of a tendency to eat less than what has been programmed for them. Leaving 1 to 2 empty stalls between each feeding stall also enhanced intake.

Cows tended to visit the feeders 24 hours of the day, but the use of a night light over the feeding stalls may encourage more even usage of the feeders. They also observed that first lactation heifers made 2 to 3 times more trips to the feeder in a day's time than did fourth lactation cows. As you might expect from the above figures, heifers spent more time loitering in the feeders than did the older cows.

I mentioned before that proper ration balancing and programming is essential. The Illinois workers found that balancing the ration once a month generally was satisfactory for most cows in a herd. However, cows n the first eight weeks of lactation did respond to having their ration balanced twice monthly.

So often, we program our rations with the assumption that all cows receive the same amount of forage—which is not the case. Forage intake will vary considerably with body size and level of grain feeding.

When the Illinois group compensated for variations in forage intake, they got an even greater response from individualized feeding, using a computer feeder. We would do well to keep this concept in mind as we feed our herds, whether we use computer feeders or now!

Grouping cows will give you some flexibility in varying the forage portion of the ration as needed. Another group that could also benefit from a computer feeder is the dry cow group.

Linking Computers

Many of these computers, such as ones dedicated to feeding cows, recording milk, monitoring activity, or used by supervisors to gather DHIA data, can function as stand-alone units—or they can be hooked up to talk to the farm computer.

Information fed to the farm computers by these stand-along units, plus information keyed in by the farmer, or downloaded from another computer (perhaps DHIA's or some other computer on a network system), can be used by the farmer to generate a variety of reports he needs such as: cows to be checked, treated, vaccinated, bred, dried off, etc. He can get a list of cows or heifers meeting specs for various buyers or print out a pedigree. He can analyze how daughters of certain bulls do in his herd or when to cull cows. He can generate tax reports, cash flow projections, profit and loss or net worth statements, etc. A good crop and machinery program can help him stay on top of machinery costs and maintenance schedules, or help him evaluate crop varieties, herbicides, fertility practices, individual fields, etc.

Networking

Various networking services are being offered. By use of telephone lines, and in the future direct lines or satellites, you can link up to data banks and programs on other computers to get such things as: access to your own DHIA records, sire summaries, market reports, etc.

These usually offer ease of use, and they help reduce the need for you to buy your own software and to keep your data base up-to-date. But, many of them do have subscription and user fees.

The list of possibilities, like a Christmas shopping list, is almost endless. We can dream of all these possibilities, but the reality of time, our abilities, our needs and our dollars will dictate what we should do and can do.

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1984

This reports all DHIA cows that have produced 750 lbs of butterfat or more in 305 days

OWNER NAME OR NUMBER	BRD	AGE		LBS. MILK	LBS. FAT
Y Run Dairy Farms					
Starltt	3	5	305	20,958	822
Missie	3	3	298	22,231	976
Bruce-Leslie Bresee					
Doris	3	3	289	19,233	789
LeRoydale Farm					
Dale	2	3	305	15,252	813
Bennett R Young					
90	3	0	304	21,817	872
Dale Mattocks					
Carla	3	6	305	20,637	807
Brandi	3	3	305	21,239	781
Eugene&Brian Harris					
Windy	4	6	305	17,635	814
Russell L Jones					
Lorinda	3	5	305	18,498	896
Dora 69	3	3	305	20,904	807
Lesli 70	3	3	305	16,681	761
Leoni 70	3	3	305	20,768	751
Roe Russell Jr					
605	3	5	295	18,762	823
Vernon&Robert Allis					
Megan 80	3	4	305	21,992	872
Robert S Thomson					
102	3	4	305	21,195	780
Jeff&Karen Hale					
Lucy	3	7	305	17 718	772
Stan&Steve Saxton					
Bunny	3	4	305	20,727	761
Ben&Dean Jackson					
Robin	3	5	305	24,245	763
Claudia	3	6	296	24,294	876
Hattie	3	4	294	21,486	766
Cindela	3	3	305	18,808	771
Honeyde	3	2	305	20,394	798
Olline	3	2	305	22 745	880
David Berry					
G 80	3	5	305	21,141	846
Keith&Karen Crain					
Pam 70	3	9	305	18,060	761
Robt&Anna Marie Cole					
Violet	3	4	305	18,166	772
Donald E Harkness					
Eva	3	6	291	22,584	825
Delsee	3	5	305	25,187	862
Delta	3	2	297	18,947	779
Brennan Farm					
Peaches	3	3	304	21,834	772
Dodi	3	2	305	17,939	755
Gerald Stethers					
88	3	6	302	18,244	872
2	3	4	305	22,093	770
6	3	3	305	19,707	817
93	3	3	301	19,972	783
Richard H Packard					
Bertha	3	4	305	26,001	938
Brachen	3	2	305	20,645	773
Robert H Whipple					
Patsy	3	5	305	23,606	822
Ardel	3	5	305	26,075	901
East Knoll Farm					
Melanie	3	5	305	24,096	879
Robert Taylor					
JJane	3	4	305	25,950	1067
Ray Keeney					
219	3	6	305	23,922	920
19	3	6	305	25,483	858
Richard B Reagan					
Milli	3	3	289	15,632	801
Richard D Wheeler					
Alison	3	8	305	19,398	785
Lloyd Smeck					
226	3	7	272	20,098	752
Robert&Gary Burke					
Snow	3	6	305	21 386	796
Swamont Farms					
Admire	3	5	305	22 357	868
Sheldon L Millard					
39	3	8	250	20,776	753
11	3	7	263	18 161	796
Windham Valley Farm					
Wendy	3	7	269	25,969	919
William Eick					
Sueann	4	4	305	16,811	902
Bob&Tom Murray					
6	3	7	305	18,937	754
Tom&Diane Elliott					
Spike	3	4	288	17,485	775
Patches	3	3	272	20,686	774
Raymond Hoppaugh					
Royle	3	7	305	25,368	801
Regan	3	5	305	27,350	909
Alfred Sparling					
Barbie	3	4	305	26,052	953
Brenda	3	4	305	18,032	871
Lydia	3	2	305	21,606	767
Bradley Haflett					
Kathy 14	3	7	305	21,338	858
Arthur D Wolf					
79	3	4	305	19,474	750
Ter-Mar Farm					
Duke	3	7	305	22,399	869
Ray&Larry Rowe					
34	3	6	284	18,110	756
Earl J Gamble					
Carol	3	7	305	19,305	776
Julie	3	5	305	16,592	761
Ronald P Davis					
Judy	3	8	305	23,672	858
Glory	3	3	305	19,327	764
Snowcrest Farm					
Marla	3	6	288	21,591	813
Mable	3	6	305	27,800	908
Tessie	3	5	280	23,161	860
*Pepper	3	5	263	22,648	907
Lily	3	3	304	21,954	805
Bobbie	3	2	284	16,984	760
Harold Warner&Sons					
Bronson	3	5	305	18,564	787
Gary&Donna Ayres					
78	3	8	305	21,676	811
72A	3	5	305	25,937	888
99	3	4	305	22,337	832
WL Huntington&Son					
8	3	7	296	21,297	817
Scott-Bryan Shedden					
24	3	4	305	21,222	829
Martin Kingsley					
54	3	3	305	19,675	785
Scott&Lynn Cook					
Midge	3	5	305	22,240	846
Reta	3	4	305	22,426	818
Annie	3	6	305	23,774	753
Scott Moore					
89	3	8	305	18,557	788
Rich&Gretchen Storck					
77	3	5	305	20,328	813
Roy Hutchinson&Sons					
Seaman	3	7	305	21,668	782
Rolamil Farm					
Isabell	3	6	305	18,569	758
Fernhost Farm					
115	3	4	305	17,979	792
114	3	4	305	21,155	755
28	3	5	302	20,704	787
5	3	4	305	20,984	809
Dennis W Eckert					
Vicki	3	4	305	23,623	814
Matt Will B&W					
Edith	3	8	305	24,983	948
Sunny	3	5	305	25,046	799
Lady	3	5	305	20,797	824
Pebbles	3	3	305	22,344	794
Kenneth Howard					
Opie	3	4	305	19,657	780
Charles&Bev Morris					
Heather	3	7	305	20,072	760
Peter Solowiej					
Mazie28	3	5	305	21,167	895
Parks Knoll Farm					
46	3	4	305	20,779	812
140	3	5	305	22,697	843

(Turn to Page D25)

HAVING SOIL PROBLEMS?

Here's A Timely Tip...

Apply lime on frozen ground

Lime can be applied almost anytime, however winter months are ideal, because the ground is firm and the freezing and thawing action helps to disseminate the lime in the soil

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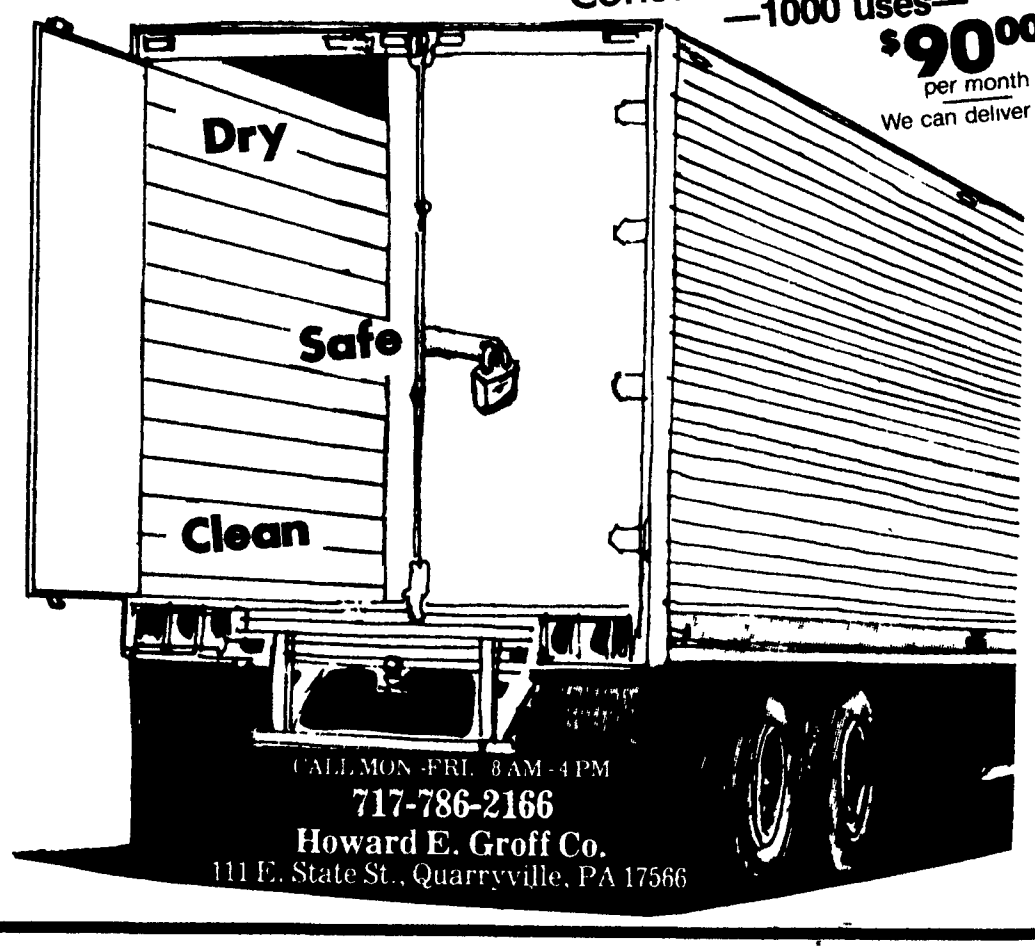

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Huntingdon Co. DHIA

September, 1984
Top Herds-Rolling Herd Averages

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS FAT
Edwin Steach	3	71 1	87 3	19,834	772
Evergreen Farm No 3	3	379 7	85 0	19,154	766
Daland Farms	3	111 2	86 8	18,811	724
John S Kyper	B3	44 2	87 4	18,961	694
Locust Lane Farm	B3	86 4	85 7	18,434	694
Glenn Peachey	3	78 2	87 9	18,428	688
Sangrey Bros	B3	91 8	87 4	18,543	685
Gerald E McMath	B3	74 2	87 8	18,233	685
J Frederick Kyper	3	26 7	81 6	17,903	675
Behrer Farms	B3	156 0	86 6	18,050	667
Joseph M McMath	3	52 9	84 5	17,584	667
Howard&Nancy Wiggin	B3	64 8	85 3	18,285	662
Geary E Shade	3	63 4	88 4	17,565	658
Ed&Sharon Parsons	B3	36 3	82 8	17,409	657
State Correctional	3	154 4	87 3	15,772	654
Durbin Farms	B3	141 4	89 7	16,920	653
Globe Run Farms	3	105 4	91 3	17,169	652
Gibboney Farms	3	55 0	86 7	18,098	650

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	LBS FAT
Evergreen Farm No 3					
1642	3	3 3	305	23,953	1236
1157	3	6-3	305	25,963	1106
1341	3	5 1	305	30,537	996
1537	3	4-0	305	22,453	944
1611	3	3-4	305	20,388	959
1496	3	4-1	305	23,870	938
1207	3	6-6	305	22,994	881
1243	3	5-6	305	25,575	863
1794	3	2-4	305	20,671	840
1527	3	4-2	305	20,011	838
1181	3	8-3	305	22,191	825
1165	3	6-5	266	19,612	824
1391	3	5-0	290	17,922	820
1792	3	2-2	305	16,441	808
1795	3	2 4	305	15,912	808
1548	3	4-0	305	19,645	799
1658	3	3-6	305	20,999	798
850	3	9-1	279	20,166	791
1678	3	3-4	303	21,691	786
1535	3	4-5	305	20,844	786
1369	3	4 11	305	18,158	785
676	3	10-10	305	19,705	776
1680	3	3-3	305	18,766	758
1788	3	2-3	305	18,360	751
John S Kyper					
32	3	6-2	305	26,300	1006
47	3	3-3	302	20,011	885
Edwin Steach					
Andre	3	3-0	299	19,566	987
Roxane	3	3-11	305	20,038	808
Durbin Farms					
Alice	3	3-5	305	24,185	979
Bucky	3	3-5	305	23,012	922
Deanne	3	3-5	305	22,809	874
Agnes	3	3-5	305	21,978	814
Sheila	3	3-1	305	20,138	774
Portia	3	2-5	305	21,284	764
Gillbrook Farms					
1534	3	6-8	305	23,445	958
563	3	11-1	305	20,173	833
1514	3	3-9	305	20,552	802
Alfred & Terry Hawn					
15	3	7-1	305	18,555	905
28	3	4-10	305	19,514	814
Gerald E McMath					
Goody	3	4-0	287	21,689	897
Blackie	3	6 10	305	18,036	830
Grace	3	5-2	305	21,679	777
Hiho	3	6-2	286	23,202	762
Lady	3	6-7	305	21,078	758
Curfmans Dairy					
71	3	7 4	305	22,221	869
Howard&Nancy Wiggin					
79Sadie	3	4-1	305	21,400	861
36Pebbl	3	6-1	291	21,370	791
55Cheta	3	4-4	305	20,757	775
Behrer Farms					
212	3	6-6	305	24,031	858
163	3	5-3	305	23,457	802
273	3	3-1	305	19,771	755
John A Hoover					
Jiggs	3	5-1	305	17,518	858
Pet	3	4-1	286	19,816	772
Lngface	3	5-1	298	15,931	770
Mary	3	3-4	305	16,239	761
Eberle Brothers					
Trud110	3	7-1	305	20,566	854
Dean E Varner					
Bessie	3	2-11	305	20,105	842
Baney Brothers					
Ellen	3	6-3	305	20,568	831
Hazel	3	4-11	305	20,345	781
E James McMath					
Queenie	3	3-8	305	18,520	825
Dekol	3	6-8	305	18,814	822
Daland Farms					
Alison	3	4-4	305	22,224	822
Carrie	3	3-5	305	10,561	799
Joy	3	11-2	253	18,692	756
Samuel K Byler					
107	3	5-7	305	22,099	822
106	3	4-3	305	22,610	794
Glenn Houck					
187	3	5-1	305	20,639	820

(Turn to Page D26)

Bradford Co. DHIA

(Continued from Page D24)

Pet Roypa Farm					
Ukulele	3	8	305	17,376	786
Utica	3	6	284	19,795	751
Fragile	3	5	304	19,756	760
Stuart Wrisley					
Legs	3	4	305	22,612	889
Romaine&Jef Sechrist					
Missy	3	8	305	23,498	804
Kitty	3	4	305	22,954	907
Henry	3	3	305	20,194	751
Raymond A Scrivens					
25	3	7	305	19,646	895

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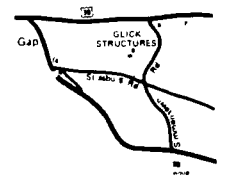

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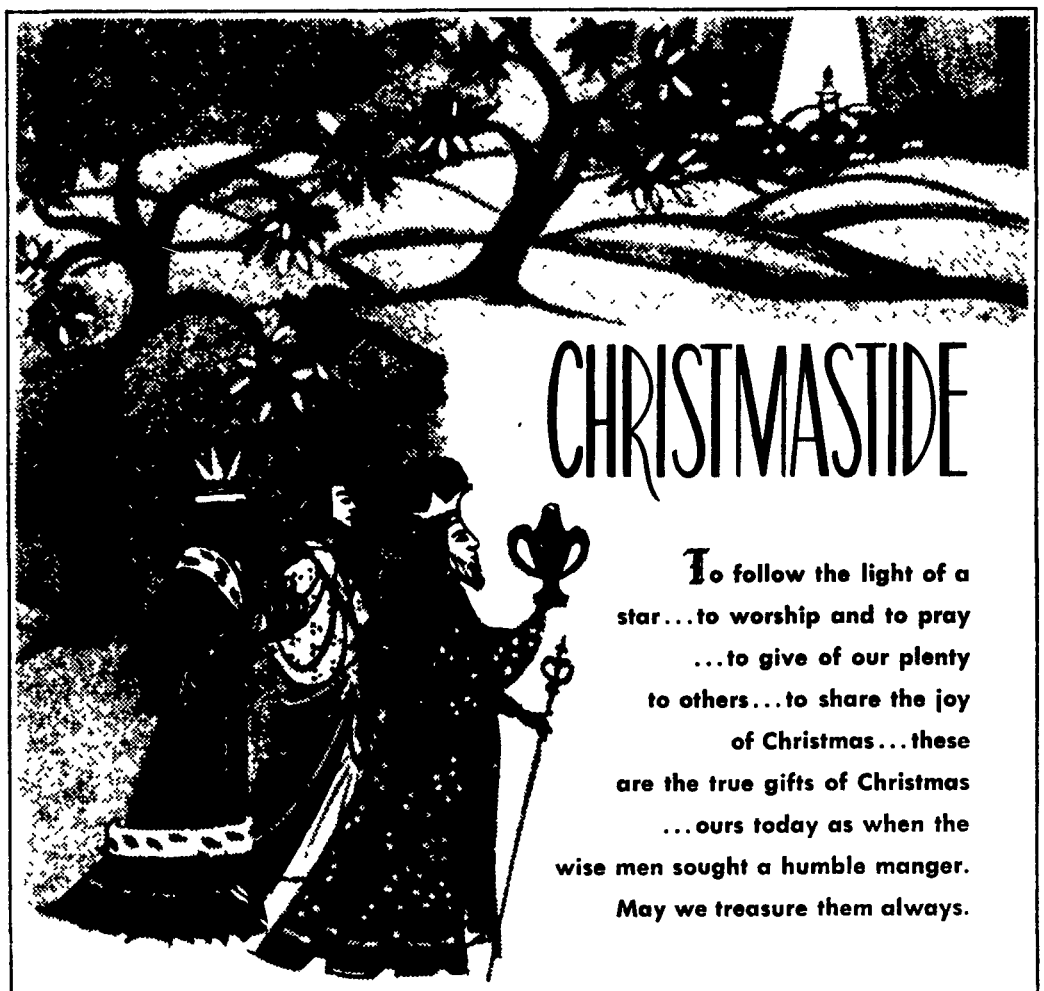

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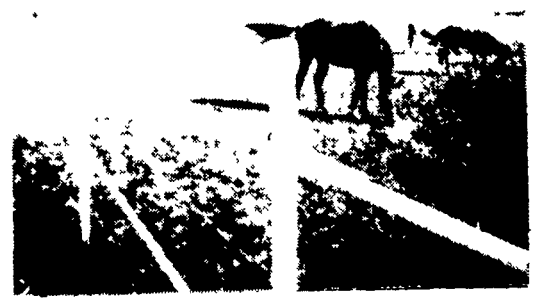

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The Milk Check

TOM JURCHAK
County Agent

Call Order

The news this month in Order 2 was the issuance of a "call order" by the Market Administrator. It wasn't big news in terms of the number of handlers or pounds of milk involved, but it was the first time in 35 years that it has happened. It was important news in that it demonstrates one of the basic requirements of federal milk marketing orders and the sensitivity of responding to changing marketing conditions. Since it happens so rarely I though it would be of interest to you to learn when and how it works and, in the learning, dispel some of the misconceptions about it.

Just to bring you up to date, the "call order" was issued by the Market Administrator in Order 2, requiring all handlers in the pool receiving milk from producers to sell at least 10 percent of their receipts for fluid use during the month of December to maintain their designation as a pool participant. The order was issued on November 29 following a public meeting in Syracuse on November 20 where proprietary handlers and co-ops had an opportunity to give testimony on the need for such an order.

The authority for such action comes from one of the basic requirements of federal orders "to provide an adequate supply of fluid milk for the marketing area." However, it doesn't mean that there has to be a shortage of milk in stores, only that some handlers are having trouble getting all the milk they want for fluid use. So, the Market Administrator through the "call order" tells handlers with less than 10 percent of their milk sold as Class I to move more of it into that use to be sure that every handler who wants it can get it. When to issue the order is based on the judgment of the Market Administrator, with no specific guidelines provided, but you can be sure he'll err on the side of too much rather than too little fluid milk.

So, before you jump to the conclusion that there are widespread shortages of fluid milk in the Order 2 marketing area, let's see what a 10 percent call order would do. First, because are only a small number of handlers who regularly sell less than 10 percent of their milk for fluid use, it affected less than five percent of the handlers. Then, considering the amount of milk involved in a pool that includes over 900 million pounds a month, it was probably less than one percent of the milk. So, while the numbers may not be large, it does demonstrate the quick action that can be taken by a Market Administrator to protect the interests of producers and consumers as part of this responsibility in administering the order.

Why Order 2? Well, each milk marketing order is a separate body of rules regulating the handlers (not the producers) in a specific marketing area. Each order may have different requirements that a handler must follow to participate in a pool or be a designated handler to sell a certain part of his milk for fluid use every month to maintain his designation. In Order 2 this is required only in the first year that a handler is "earning" his designation, and after that he can sell it for whatever use he wishes. However, the supply situation in Order 2 in December has happened before without the need for a call order when handlers voluntarily moved milk to fluid sales at the request of the Market Administrator, but this time a call order was thought to be necessary. Reasons for this are largely in the changing market structure in Order 2, especially in the last ten years. Milk production is at a record high and Class I utilization is at a record low. Even as late as 1975 over half the milk in the pool was fluid milk, but last year it was down to 38 percent. To market all this milk proprietary handlers and co-ops have expanded their capacity to make manufactured dairy products, particularly cheese, and, in fact, have become somewhat specialized in making some of these products. Today handlers generally are more reluctant to give up their supplies for other uses, so to be safe, the Market Administrator required them to do it.

Reports are that all handlers affected complied with the order so that fluid supplies will be ample for all handlers in December. Whether or not the order will be continued in January or February has not yet been announced by the Market Administrator, but you'll know before the end of this month.

Yes, Virginia

Yes, Virginia, there is a Santa Claus. At least it seems that way when December milk checks to producers shipping to Order 2 handlers will have an increase of eight cents over last month and 28 cents over last year. At $13.91 for 3.5 milk at the 201-210 mile zone it

(Turn to Page D27)

Huntingdon Co. DHIA

(Continued from Page D25)

Branstetter Farms					
96	3	3-5	298	21,225	811
Geary E Shade					
Paula	3	4-4	305	20,167	808
Globe Run Farms					
Fashion	3	6-2	294	19,665	808
Chester&Carole Smith					
223	3	3-4	305	20,437	807
211	3	6 1	305	17,594	750
Roland G Yoder					
Billie	3	5-6	305	19,290	806
State Correctional					
682	3	3-1	305	16 442	806
333	3	6 1	300	18 601	771
Max Isenberg					
Tinker	3	3-10	305	22,185	802
Maxine	3	5-3	305	22,253	761
Glenn Peachey					
Linda	3	6-6	305	22,646	790
Jillie	3	8-11	305	19,991	785
Brenda	3	6-6	305	17,715	778
Stella	3	4-4	305	22,365	753
Locust Lane Farm					
0101	3	5-5	305	22,460	789
0136	3	3-7	305	18,506	753
Philip A Yohn					
9817	3	5-4	305	21,512	784
1174	3	8-8	305	22,001	760
Willard J Yoder					
125	3	5-6	305	19 428	776
N&N Farm					
Y 96	3	6-7	305	20,004	761
Tom & Gloria Coffman					
Marvel	3	3-3	305	22,035	758

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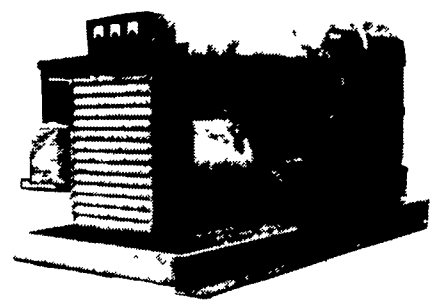

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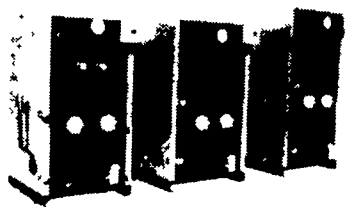

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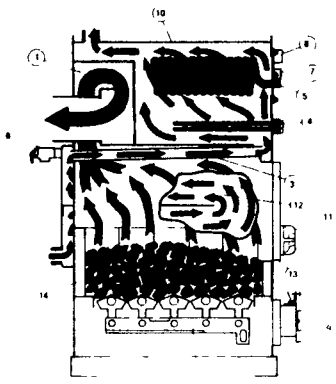

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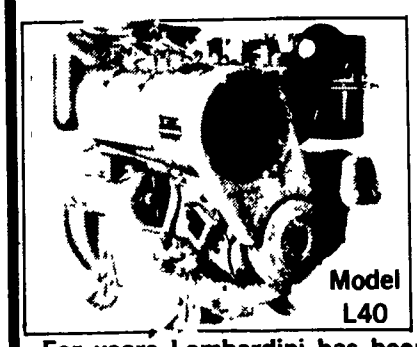

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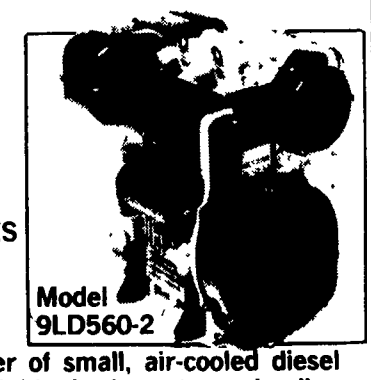

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Milk Check

(Continued from Page D26)

will be a record high for November in Order 2, beating the last record set in 1981 by 17 cents. This in spite of a 50 cent cut in the support price since then. Which just goes to show what a little change in the supply/demand situation can do for prices. Now, if we could only learn to do it without paying 50 cents a hundred to get the higher prices in the market. When you take out the 50 cent assessment for the Diversion Program we're still 22 cents below last year but that's a big improvement over the 99 cent deficit we had in April. The other stocking stuffer you got from Santa was an increase in the Minnesota-Wisconsin Price of eight cents in November. This showed up in the Class II price for November milk and will boost your January Class I price to $14.97, which will also be a record high for Order 2. The increases are coming largely, however, from market improvements in supply and demand made during the summer and into the fall. Changes are beginning to appear that indicate we'll have to make further cuts in production if we want to maintain the present momentum. Butter prices the first week of December dropped 17 cents to below price support levels, but don't let that spoil your holiday. Enjoy what you got in December and have a Merry Christmas.

Ag spokespersons selected

CASPER, Wyo. — Three outstanding farmers have been selected to represent agriculture nationally. The 1985 Young Farmer Spokespersons for Agriculture, chosen here Dec. 1, are: Lane Baxter, a dairy farmer from Missouri; Reesa Eisler, a grain farmer from Nebraska; and David Booth, a cotton gin manager from Texas.

Spokesperson candidates from 18 states competed for the honor at the National Young Farmer Educational Institute, which took place Dec. 1-5. The competition, sponsored by Elanco, a division of Eli Lilly and Company, encourages young farmers, age 18 to 40, to develop articulate responses to agricultural topics concerning non-farm consumers.

Established in 1975, the Spokesperson program was designed to create better understanding between urban consumers and farmers. Since its beginning, 30 spokespersons have visited 40 cities reaching an estimated 75 million consumers. The 1985 spokespersons will travel to Milwaukee, Memphis and Houston, the last week in January, addressing media, consumers and consumer leaders on agricultural issues.

A special banquet commemorating the 10th anniversary of the Young Farmer Spokespersons for Agriculture program was held during the conference. A tribute recognized previous and present Young Farmer Spokespersons and highlighted ten years of progress for agriculture.

As in the past, winners were selected on the basis of their ability to represent farmers on agricultural issues of consumer concern. Entrants gave five-minute statements concerning one of four topics: How to get the most from your food dollars; Farm exports benefit urban consumers; Fertilizers, chemicals and feed additives are important to insure adequate supplies of safe, high quality food; and Stewardship of the land: How farmers are managing our greatest natural resource.

Mother and Child... such a heavenly sight to behold! Let that first holy night fill our hearts with love and adoration this season.

It is with a deep sense of thankfulness at this most blessed time of our Christian year that all of our friends that work for Beacon Feeds along with all of our Beacon dealers would like to extend to you and your families best wishes for a

"Merry Christmas" and a
"Happy New Year"

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Also, a talk given by Howard Weaver of Lebanon, Pa , with a question and answer period Mr Weaver is Penna Regional Executive Director for **NEMA-NATURAL ENVIRONMENTAL MARKETING ASSOCIATES, INC.** in Muncie, Ind

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For Sale - Int. 1300 3 pt. mower, 5' bar. Lebanon Co. 717-865-6860.

For Sale - 10A NI horse-drawn spreader; Int. M tractor; 1977 F350 cattle truck. Adams. 717-334-4658.

For Sale - 3,750 tobacco lathes. $10 per 100 or $350 for all. Belt pulley for IHC, $125. Lanc. Co. 717-687-0102.

Wanted - Farmalll cubs & Ford 8N tractors that are crippled & disabled. Priced reasonably. Before Christmas. Lanc. Co. 717-687-8021.

For Sale - 90 Wire rabbit pens w/ water and feeders, 24"x36" section of 6 @ $6 per hole. 301-275-2562.

For Sale - 4000 bales of good hay, alfalfa & mixed hay. Also Hesston Starhand 10. Dauphin Co. Evenings 717-362-9850.

For Sale - New Harvestore dump scales for grain or feed. Half Price. Adams Co. 717-359-5863.

For Sale - 1980 Chevy Cott 6 truck with 16' aluminum bed, low mileage, good condition. 717-687-7475.

For Sale - Approx. 600 board feet walnut boards, air dried, $1.50 a foot. 717-354-0293.

For Sale - 2-10 ton round steel gravity flow feed bins. Dan Yoder, Jr., R1, Thompsontown, PA 17094. Juniata Co.

For Sale - 27' rollback body Swartz, $3,500. 215-598-7546.

For Sale - 323 NI Corn Picker, excellent cond., $2,400. 461 NH Haybine, like new, $2,200. Leb. Co. 717-949-2256.

For Sale - Bolens snow blower Model 15104-01, like new, $125 or BO. Lanc. Co. 717-733-8528.

For Sale - Norwegian Elhhaunds. AKC Adults and puppies. Good bloodlines for breeding stock or pets. Harford Co., MD. 301-836-1213.

For Sale - Hotpoint side-by-side frost free refrigerator, $200. LaKee Christman, 7623 Valley View Lane, Greencastle, PA. Franklin Co. 717-597-4494.

Wanted - Kenmore coal stove. Please state price and condition. Amos L. Fisher, RD 2, Box 2258, Gap, PA 17527. Lanc. Co.

For Sale - Two Fox Terrior male pups. Walter M. Zimmerman, RD 2, Ephrata, PA 17522.

Notice - Two year old male border Collie purebred but no papers. Needs training and discipline. Lanc. Co. 717-768-8378.

For Sale - Service age bull from Kingway Elevation Uery, $475. Elmer E. Stoltzfus, R7, Box 297, Telegraph Rd., Coatesville, PA 19320.

Notice - Sample soil before winter freeze. Order custom blend fertilizer. Ask for details. Raymond Stauffer, RD 2, Stevens, PA 17578.

For Sale - Barrels, hoses, & gauges necessary for liquid fertilizer on a cornplanter, $50. Montg. Co. 215-754-7012.

For Sale - Flywheel gas engine, 1½ HP to 15 HP and 1938 JD A. Lanc. Co. 717-872-5229.

For Sale - 73 Chevy Nova 2-DH, no rust, $1,200. 32' JD elevator single chain w/transport wheels, $400. Lanc. Co. 215-445-6838.

Wanted - Stock trailer, 14 or 16 feet long w/bumper hitch. Need to haul sheep. Berks Co. 215-683-7383.

For Sale - 25 new PVC 10'-0" dropping boards, $12.50 each. Driving Cart, $95. Parson Industries, Inc., P.O. Box 133, Denver, PA 17517.

Notice - I would like to share my small farm w/organic, self-sufficient minded couple. Evenings 717-754-4661.

For Sale - 30 PC good channel drain 8'-9', $100. New folding stairway, $29.50. Ivan Hurst, Ridge Ave., Reamstown, PA.

For Sale - Goats-5 bred yearlings, 8 mo. old doe kids. 1 horse springs wagon. Upright piano. Berks Co. 215-944-7889.

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For Sale - Ford Jubilee, Hi/Lo Trans., good loader, good condition. Fulton. 717-485-3876.

For Sale - Driving Aprons, traditional colors, lightweight wool, $40. C.A. Roszel, Bridletown Rd., New Egypt, NJ 08533. Ocean Co. 609-758-7032.

For Sale - AC 6 row no-til planter, dry fertilizer, moniter, 12' 3 pth cultivator, danish tines. Wayne Cty. 315-923-9833.

For Sale - Oliver 62T baler, $400. 16 disc grain drill, $75. 275 gal. fuel oil tank, $75. Dauphin Co. 717-469-7367.

For Sale - Firewood, $35 a pickup load. Amos S. Lapp, RD 1, Box 368, Weaver Rd., Strasburg, PA 17579. Lanc. Co.

For Sale - Nubian & Toggenburg does. Both bred for February. Also nice flock of Muscovy Ducks. Lehigh Co. 215-285-6872.

For Sale - 1974 Ford van, 6 cyc., auto, needs work, $500. 1969 Cadilac Fleetwood needs transmission, $500. Dauphin. 717-469-7243.

For Sale - Sharp cheese, aged 6 mos. or longer $1.65/lb. Levi Kinsinger, RD 1, Box 222, Kirkwood, PA 17536.

For Sale - Int. 5 bottom plow, on land or in the furrow, $800/best offer. Cambria Co. 814-736-3134 or 814-736-3393.

Wanted - Broke coondog. Baltimore Co., MD. 301-357-8910.

For Sale - 6 Agstar Farrowing Crates, used for 3 or 4 farrowings. Lebanon Co. 717-865-3392.

For Sale - 2 purebred Arabian fillies, 4 months old, $200 each, $380 for both. Chestnut w/white markings. Montour Co. 717-275-0208.

For Sale - One H-190 Ag Bagger used, very good condition. Franklin Co., PA. 717-328-5302.

Wanted - Papec 870 or 880 Grinder Mixer in reasonable cond. Lehigh Co. 215-767-7140.

For Sale - Meyers 9' snowplow for large truck. Electric hydraulic pump, frame, lights included, good condition. Perry Co. 717-589-3212.

For Sale - 1240 JD 4 row corn planter, insecticide, on stell, good condition. Levi King, RD 4, Quarryville, PA 17566.

For Sale - Mobile racing Pigeon loft, equipment, clock, pigeons, etc. M. H. Schwartz, Sr., Jonestown, PA, Lebanon Co. 717-865-5967.

For Sale - 1966 Chrysler, inspected, 4 almost new tires, new brakes front or rear, rebuilt alternator, $150. Leb. Co. 717-838-4875.

For Sale - Dometic gas freezer like new, 5 cubit. 717-354-7922.

For Sale - Little red barn 8'x10', good condition, $275. Chester Co. 215-857-2676.

For Sale - 354 Grinder mixer w/20' unloading auger, good condition, $2,000 or Best Offer. F145H 5x16" plow. Berks Co. 215-589-5583.

Wanted - Front grill and bottom support for a TO35 MF. Cumberland Co. 717-697-7135.

For Sale - Two seated horse sled. Best Offer. Leb. Co. 717-866-6086.

For Sale - 1971 VW fastbach, nice condition, 4 speed fuel injection, Michilin tires. Cheap Dependable Transportation, $995. Lanc. Co. 215-267-7049.

For Sale - 1968 Chevy pickup, camper special, ¾ T., PS, PB, AC, 88,000 miles, $1,250. Chester Co. 215-932-4728.

Wanted - Good cattle rack to be used on a 1978 Chev. pickup. 717-758-6221.

For Sale - 1944 military jeep, mint condition, extra pants, 3 engines and more. Case tractor Model SC. Montg. Co. 215-933-2469.

For Sale - Yrlg. TB colt by Turn To Reason. Dam is winner of 9 races, $3,000. Montg. Co. 215-845-2478 eves.

For Sale - Fresh Reg. Holstein Heifer. Also 2nd calf cow due Dec. 15 to Mil-Nor#Design. Chester Co. 215-486-0460 eves.

For Sale - Firewood-Oak, Hichory, ready cut or cut your own. Aquilla Stoltzufs, Kirkwood, Noble Rd. near Bartville. Lanc. Co.

Wanted - Female English Springer Spaniel puppy or adult for breeding, black & white or liver & white. Leb. Co. 717-949-3590.

For Sale - 30 M. old Paint & Thoroughbred cross, broke, good conformation, $575. York Co. 717-266-3436.

For Sale - 1700 Mustang, gas, fork and bucket, steel or rubber wheels, $2,500 or BO. Lanc. Co. 717-733-6825.

For Sale - 2 PTO's for maxitorque trans.; electric over hydraulic snowplow lift, new. York Co. 717-382-4881.

For Sale - 78 Ford LTD II, 4 Dr., AT, PS, PB, AC, well maintained, garage kept, $1,795. Chester Co. 215-274-8367.

For Sale - Clean MF 175 diesel w/Dunham #22 loader, $8,800. Will Trade on4020 or skid steer loader. Lancaster 717-354-8832.

For Sale - Feeder calf, 200 lb. plus. Cumberland Co. 717-697-8363.

For Sale - Ford 8N tractor, 6' front mounted snow plow, heathouser, chains, weights, new rubber, $2,500. Berks Co. 215-488-1476.

For Sale - Border Collie and Australian Blue Cross puppies. Intelligent farm dogs. $35 each. Cecil Co., Milbourne. 301-398-2751.

For Sale or Trade - Female Jack Russell Terrier puppie for male w/comparable bloodlines. York Co. 717-697-1779.

For Sale - 2-14.9x38 and 2-18.4x34 6 ply tires w/tubes. Little tread. No Sunday calls. Berks Co. 215-367-7256.

For Sale - Kimball Superstar II organ, good condition,$800. 1972 Honda CB350, good condition, $300. Sch. Cty. 717-386-4324.

For Sale - Tractor chains 11x38, $35. Also Sunbeam gravity hot air heater coal or wood, $100. Berks Co. 215-285-6519.

For Sale - 15 head of Feeder Calves 500-800 lbs. JD 30-800 Harvester w/pickup head, $2,600. Bucks Co. 215-257-2377.

For Sale - Wurlitzer organ w/double keyboard, excellent condition, $2,250. Adams Co. 717-642-5644.

For Sale - 1971 Cherry C-50 truck 366 V8, 5 SP., heavy duty log splitter, 4 way split. York Co. 717-432-3991.

Wanted - Used gutter cleaners in good condition. Berks Co. 215-682-7880.

For Sale - IH 300 utility w/Shawnee loader, tractor damaged, selling parts or whole. Chester Co. 215-495-5470

For Sale - Registered polled Hereford cows, bred and open heifers, bulls. Reasonable. 1983 Chev. 4x4 pickup tk. 717-866-4185 or 215-589-2966

For Sale - 1966 Ford 750 Cab Over Truck w/ 24' flat bed, plus new motor. 703-672-2578

For Sale - 7 yr. old standard bred good weight carriage horse, works single and double. Lanc. Co., Pa. 717-859-2374

For Sale - Busway, 3 phase, 4 bars, 100 amps, 80'. Lanc. Co. 717-626-5469

Wanted - one hand operated water pump for 50' well. Also Franklin wood burning stove in good condition. 717-665-3586

Wanted - Incubator in good condition. Capacity of 1,000 to 3,000 eggs. Lanc. Co. 717-786-2595.

For Sale - Minnich tobacco press, McCormick Deering walking plow for 3 horses in good condition. 717-354-0616

For Sale - German Shepard Eskimo mixed pups, good watch dog. Enos K. Stoltzfus, R.D.3, Box 437, Quarryville, Pa. 17566

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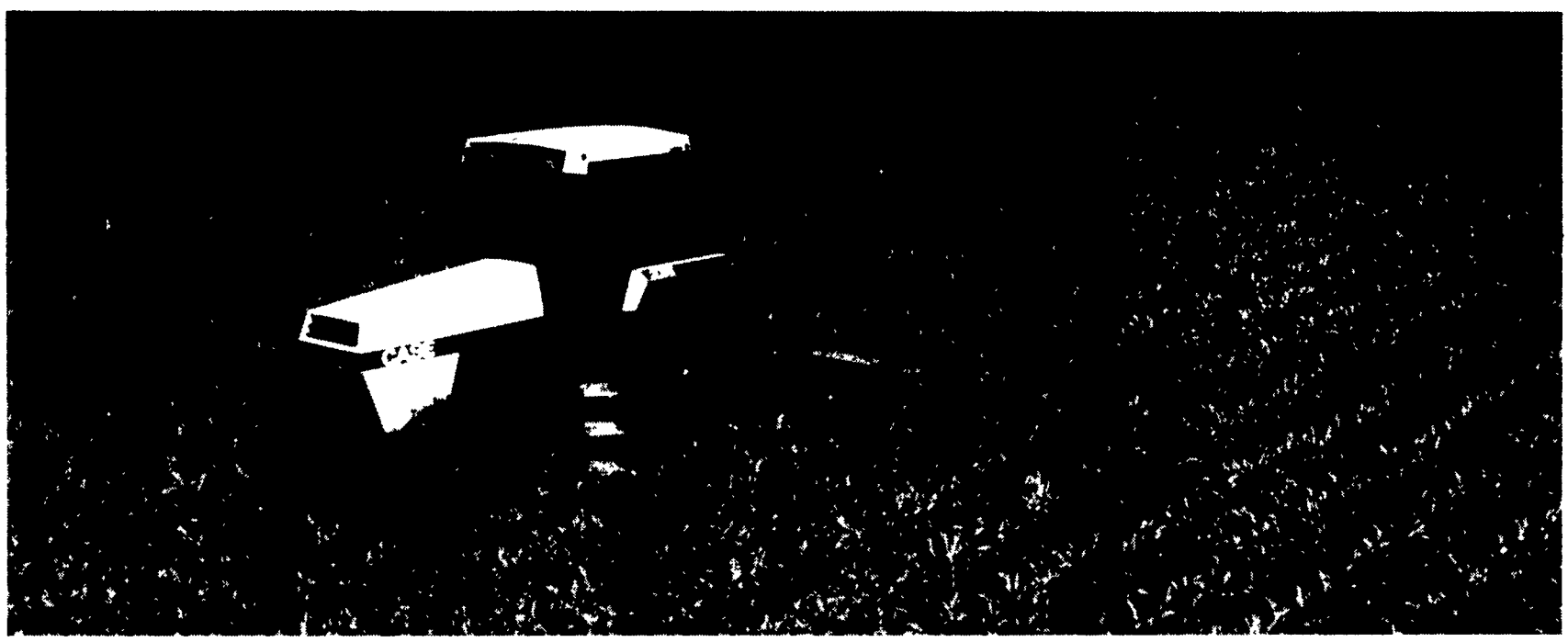

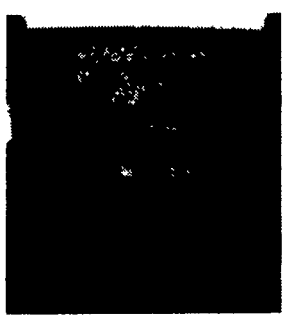

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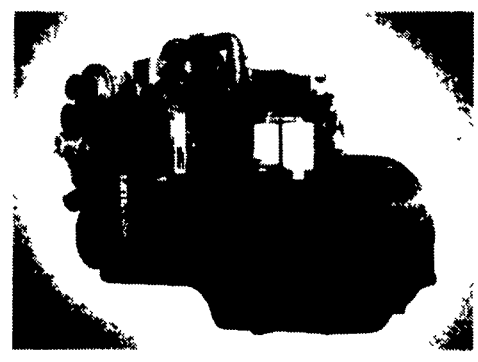

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MAILBOX MARKET

For Sale - Older D-8 Cat Dozer, hydr., blade w/ cable controll unit, real work horse. $7,500. 609-965-2884 Atlantic Co.

For Sale -'75 Camaro, 6 cyl., auto., PS, PB, AC, new radials, needs work. BO over $1,000. Montgomery Co. 215-723-3089

For Sale - Rid All rats and mice. Send $1.00 to "Rid O' Rat", R.D.3, Box 368, Dover, Pa. 17315

For Sale - Automatic roller mill #200 w/1½ h.p. motor. $650. Franklin Co. 717-762-4354

For Sale - Gas Stove 30". $25. Singer head and case. $10. Dwarf rabbits, some pedigree, nice colors. 215-267-2782 Lanc. Co.

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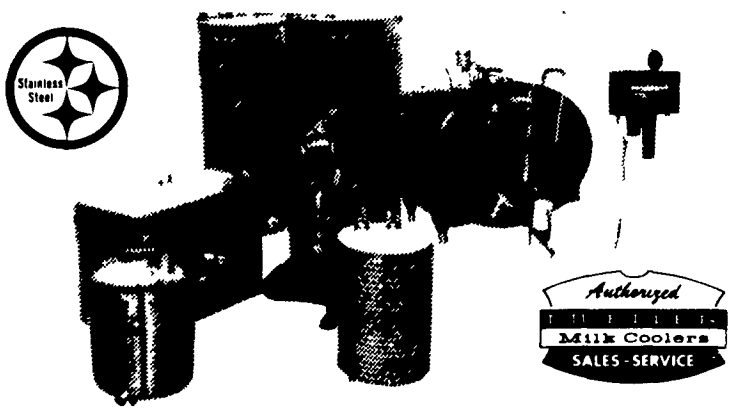

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For Sale - Mulch plastic low density Rex product, good quality, 2000'. $28.50 if paid by Dec. 31 215-445-4144

For Sale - Anthratube hot water coal stoker. $75. Also Horn Stalk Cutter. $50. 12' spring harrow $125. Dau. Co. 717-469-2897

Wanted - $75,000. first mortgage on farm if $50,000. or more from one party. Amos King, 1605 Fonderwhite Rd., Lebanon, Pa. 17042

For Sale - 25 Jamesway galvanized cow stanchions, complete w/partitions, fittings. $20. each or best offer. 215-795-2107

For Sale - 1977 Chrysler New Yorker Brougham, 4 door sedan, all power except door locks. Price. $2,095. 717-949-6890

For Sale - 16 acres, ranch home, barn garage, tillable land, stream. Use for truck farming. Box 60, Groff Rd , Millington, MD 21651

For Sale - IHC 550 manure spreader, 225 bu., new Gratz Web, new tailboard. 201-454-4963 days or 201-454-1618 eves Warren Co.

For Sale - AC G, hydraulic lift, w/rotary mower and cultivator equipped to side dress w/ liquid fertilizer. $2,800. Snyder Co. 717-837-0432

For Sale - Registered Saanen Stud Service Berks. 717-933-5831.

Wanted - Rollaway nests and feeders. 814-383-4464 Centre Co.

For Sale - (2) 1,000 lb. platform seales $125. each. Single horse drawn cultivator. $45. 717-755-9418 York Co.

For Sale - 1970 GMC 3500 1 ton, 350 4 speed w/7'6"x9'8" stake body, good shape. $1,500 Leb. 717-273-5689

For Sale - 10 yr. old Bay standardbred horse. Smoker's Custom Butchering Shop, Old Leacock Rd., Ronks, Pa. 17572. Lanc. Co.

Wanted - Samoyed and Westie breeders, not over 2 yrs. At Stud Samoyed, Huskie and Shih-Jzu. Isaac Zook, ½ mile south of Intercourse.

For Sale - Registered and grade Holstein heifer calves sired by Brownking Saul, Rynd-Home Excel Sensation etc Lanc. Co. 717-872-5663

For Sale - 25 unit Chianina semen, 1 molo 3000 and others. $5.00 unit Chester Co 215-942-2657

For Sale - Graded brown eggs Doz. or case lots. Jacob F. Stoltzfoos, R.D.1, Box 51, Kinzer, Pa. 17535

For Sale - Standard bred driving horse, well broke, 8 yrs. old. Christ E Stoltzfus, below Churchtown along California Rd., Pa.

For Sale - 1 standardbred carriage horse, safe/sound. Enos K. Zook, R.D.1, Box 58, Christiana, Pa. 17509. Lanc. Co.

For Sale - 3 Hol. heifers out of good dams. Daniel B. Stoltzfus, R2, Box 18, Christiana, Pa. 17509. Lanc. Co.

For Sale - Wood hot water furnace Plumber Davy type. $450. Gideon F Stoltzfus, R.D.2, Box 2276, Gap, Pa. 17527

For Sale - JD cyclone B for parts Also Farmall Super A on steel w/plow, cultivator and grass machine. Berks. 215-944-9307

For Sale - Jalousie windows and doors. Like new 717-665-3133.

Help Wanted - Stripping tobacco through January. David M. King, 141A N. Ronks Rd., Ronks, Pa. Lanc. Co.

For Sale - 69 acre farm, Adams Co., 50 acres tillable, 19 acres wooded, house, pole shed, pond. $112,500. 717-334-3293

For Sale - JD 1207 haybine $1900.; JD 660 rake, like new. $2,300. Berks Co. 215-775-1091.

For Sale - 1981 Chevy Luv, 43,000 miles, like new, fiberglass topper, radial tires, good mileage, excellent condition. Leb. Co. 717-866-2642

For Sale - 706 Farmall wide front, fast hitch; 5040 AC, 600 hrs ; 1000 OMC skid loader. Lanc. Co. 717-786-3655

For Sale - 2 man chainsaw (needs tuneup) $300.; quiet Pal. colt, weanling app/qtr $200. 301-228-4418 Dorchester, after dark.

For Sale - 822 Bradey chisel plow, 10 tooth, trailer type. $1000. Leb. Co. 717-949-3243

For Sale - Farmall F-14 w/cult. for parts or fix up. $100., Walnut logs, 10' long. $100. for both. Chester Co. 215-932-9323

Wanted - Parts for AC B. Chester Co. 215-932-8633

For Sale - Top Buggy w/rubber tire and brakes, very good condition. Lanc Co. 717-354-8175

For Sale - 4030 JD, weights, dual remotes, new tires. MF 38" riding mower and snow blower, excellent. Lanc. Co. 717-733-0660

For Sale - White 18" add on bottom for 588 plow spring reset; 10' Brillion cultipacker. Make offers. Lanc. Co. 717-733-4059

For Sale - 2 pt. fast hitch Woods, 7' blade; New 3 pt. rotary mower; Oliver grain drill; Case weights. 717-345-4882

Wanted - Rear wheel weights for F800. 20' belt elevator. 717-949-3074

For Sale - Heavy Duty all steel tilt-bed trailer 6'x12'. Used for skid loader, $875. Snyder Co. 717-837-2659.

For Sale - MF 15 grinder mixer, $1,600. 6006 Deutz w/open steel wheels. Top buggy on rubber, $800. Union Co. 717-532-7134.

For Sale - 30" caloric gas range in good condition, $175. Kenmore upright sweeper works good, $15 Stevens. 215-267-2244.

For Sale - NH corn sheller w/blower, good condition. Enos S. Mast, R5, Box 702, Dover, DE 19901 Delivery to Lanc.

For Sale - 10 large Holstein heifers. $800. each or will trade for smaller heifers. 215-593-5665 Chester Co.

For Sale - NI 215 manure spreader PTO. $1,775. 3 pt. , 3 btm. Ford plow $495. A-C 28 disharrow transport $495. 717-354-0266

For Sale - JD 43 corn sheller, good condition Burl. Co., NJ 609-859-2568

For Sale - Flat Truck Bed 8½'x6½'. $35. Truck chains for 8.25-20 dual and single, extra sides for IH spreader. 215-869-9409

Wanted - Will pay to $1000 for set of old painted plank seat chairs. Lanc. 717-626-7854. Box 21, Lititz, 17543

For Sale - Plow packer for 3 btm. plow $75. Leb. Co 717-933-5442

For Sale - DeLaval milker unit complete stainless steel double tubs, stainless steel strainer, spin spreader, 3 pt. hitch Northumberland Co 717 742-3183

For Sale - JD 345 4-16 hdy. reset plow colters, hill side hitch. $1800 Before 9 a.m. Lehigh Co 215-285-6876

PEACE

Let's bridge the gap this joyous holiday season as we spread the word of everlasting love.

F. ERNEST SNOOK

RD 3 - Box 84, Mifflinburg, Pa. 17844 - Phone: 717-966-2736

MAILBOX MARKET

For Sale - Vermeer round baler, excellent condition. Model 504 C, $3,600. Juniata Co. 717-527-4551

For Sale - Old magazines, pot belly stove, claw foot bath tub, kitchen sink. Make offer. Berks Co 215-682-2011

For Sale - '79 Granada, black, excellent condition; Transplanters 2-row mechanical, planted 4 acres, 1-row Powell. Berks Co. 215-589-2833

For Sale - JD 4010 tractor, JD 12' transport disk, JD 5 btm. semi-mount plow, Badger mix/grinder. Mont. 215-234-8728

For Sale - Philco refrigerator, oil heater for house trailer, 9 pieces 36"x14' brown tin roofing or siding. Lanc. Co. 717-442-8277

For Sale - JD 4230 P.S., 2800 hrs., like new tires, excellent; IH 1600 dump truck, 9' bed. Franklin Co. 717-597-7295

Wanted - Used 12 or 14 inch floor model Band saw. Berks Co. 717-933-8063

For Sale - Ag-Star veal barn 24'x50', room for 90 calves. Lanc. Co. 717-738-1028

Wanted - Several trailer loads of seasoned, split firewood, delivered to Maryland. Calvert Co. For info. 301-257-9280

For Sale - Hesston 1090 haybine 9'; NH 489 haybine 9'; Pequea tedder PTO 7'; NH 256 rake; Berks. 717-933-8134

For Sale - New 11x16-8 ply Imp. tire $45.; ½" B.Decker drill stand $30.; DHIA meter brackets $3. Leb. Co. 717-272-0041

For Sale - Reg. Corriedale Ram (Kin Bros. Line) 6 yrs. old, healthy. $50. 6 Corriedale/Dorset ewe lambs. Lanc. Co. 215-267-5860

For Sale - Registered Angus cattle, heifers and bred cows, top blood lines, all prices. Ridge View Angus, Sussex Co., NJ. 201-948-3676

For Sale - 1410 Case tractor, 80 h.p., 1600 hrs., new rubber, 18.4x34, front weights, excellent condition. Lanc. Co. 717-859-3657

For Sale - NI 202 PTO manure spreader w/mechanical end gate, good condition. $850. Lanc. Co. 717-548-2272

For Sale - Used clay and Badger cozner wheels; new clay farrowing crate; Ritchie pig waterer, new Jamesway tripod legs. 717-933-4616

For Sale - Dry Poultry Manure from layer house-$4. per ton. Lititz area. Call after 6 p.m. Lanc. Co. 717-626-1467

For Sale - Holstein heifer, freshen soon. $550. Luke Martin, R.D.1, Port Trevorton, Pa. Snyder Co. Along Dundore Road.

For Sale - 1932 model U; AC wide front, PTO and pulley, WD 45. AC needs radiator. $500. each. Perry Co. 717-582-8171

For Sale - Glenwood 1250 hot water wood stove, can be hooked to existing boiler, ex. cond. Lehigh Co. 215-767-6048

Lancaster Farming Newspapers. Complete issues 1977, 1978, 1979, 1980, 1981, 1982 and 1983. $25./year. Frederick Co. 301-845-4561

For Sale - Van seat 4 passenger, for rear of va vinyl covered; Pair used snow tires, 650x16, 6 ply; 215-267-6528

For Sale - Bally Walk-in Freezer, 6'x8'x7' high, inside complete with blower and 1½ h.p. compressor, 3 yr. old. $3,200. Ask for Bill. 215-723-4815

For Sale - Used steel silo 10x40 in 2½' sections. Christ D. Beiler, 74 Iva Rd., Paradise, Pa. 17562, Lanc. Co.

For Sale - 10 crossbred Ewes, bred to Dorset start lambing after Feb. 10. $75. each. York Co. 717-225-4453

For Sale - PA. German stories, poems, cassette. $8.25; Beans for baking .75 cents lb. Mastheim View Farm. Chester Co. 215-593-6390

For Sale - Farmall H w/front loader. $750. Farmall Super C w/fast hitch. $850. Chester Co. 215-495-7787

For Sale - 1976 F25 crewcab 4WD, 60,000 miles, cap. $2,995. Five 16" 8-lug wheels. $100. 717-677-6721 Adams Co.

For Sale - NH 275 baler w/thrower. Hydraulic aim, electric speed control and multilube, excellent working condition. $3,200. Carroll Co. 301-635-2481

Wanted - Steel wheels for 180 AC. height, rear 58"-59" front 31"-32". 717-354-7497

For Sale - IH CO 4070 10 speed R.R. aluminum cab, 318 Detroit. $3,950. 216-738-3401 Carroll Co., Ohio. No Sunday calls.

Wanted - Shingle mill in repairable condition. Hunterdon Co. 201-995-7304

Wanted - Farm equipment sales books and literature before 1960. Water Rams. Robert Lefever, 135 Strasburg Pike, Lanc., Pa. 717-392-0311

For Sale - Farquhar sawmill, can be run w/PTO. Levi Leinboch, R.D.1, East Earl, Pa. 1 mi. S. Bowmansville.

For Sale - Buggy w/brakes, good condition. Eli Stoltzfus, R.D.2, Box 600, Parkesburg, Pa. 19365

For Sale - Mattison 55C automatic lathe, double end drive. Wanted spindle sander. Bowers, Pa. Berks Co. 215-682-6445

For Sale - HD4 crawler loader $3,000.; 2 row narrow husker $825.; Hesston staker $1,600. Long tractor $2,800. 215-944-7529

For Sale - 4 round laced porch post w/old type fancy work along top. Near Terrie Hill, Lanc. Co. 215-445-4182

For Sale - 1970 Mack c/o Western truck, 318 Detroit, 10 speed. $5,600. 6V-53 motor Detroit $1,000. McKean Co. 814-837-7112

For Sale - 1966 Brockway truck 16' body all steel w/grain sides, dump, winch, air brakes. Camden Co., NJ. 609-767-1981

For Sale - 1 ton electric chain hoist. 2 lid coal stove w/hot water boiler. After 6 p.m. Schuylkill Co. 717-385-0723

For Sale - Bay Mare 9, $375.; A.Q.H.A. colt 4 now $400.; 3 Western saddles $100.-$450. 717-653-5327 Lanc. Co.

For Sale - Big standard bred horse, traffic safe. David S. Lapp, R.D.3, Box 67, New Holland, Tala Rd.

For Sale - Purebred English Angora rabbits, white, wooly-3 females, 8 months old w/papers, good for 4H. Baltimore Co. 301-592-6095

For Sale - First cutting Timothy Hay $90./ton; Second and third cutting Alfalfa $125./ton. Dauphin Co. 717-566-8752 after 5 p.m.

Sale Reports

A Public Sale of farm machinery was held December 15 by Harry Brenneman in the village of New Danville, Lanc. Co., Pa.

Some prices included: Farmall A tractor w/cultivator & plow $2625, Oliver 70 tractor $1200, 1970 panel truck $2850, $5 gold piece $210, extension table $210 and antique clothes $35 to $40.

Nevin Martin and Lewis Groff were the auctioneers.

xxx

A Public Auction of 125 Holstein dairy cattle was held December 14 by Glen and Betty Bowman, 5 miles north of Bloomsburg in the village of Millertown, Pa.

The top priced cow brought $1200, the 2nd high was $1175 and the 3rd high was $1100. The average of the Glen-Bet herd was $735.

Fraley Auction Co. conducted the sale.

xxx

The 1984 Golden Harvest and 330th Garden Spot Sale was held December 13 at the Guernsey Sales Pavilion, Lancaster, Pa.

There were 140 head of registered Holsteins sold for an average price of $2719. A top price of $12,700 was paid for a choice of heifer calves out of Galen Crouse's Excellent cow "Diamond-S Wapa Classy" by the Bova bull. The buyer was a syndicate of Lancaster co. Holstein breeders.

The 2nd high was a 2 year old Astronaut daughter consigned by Warren Campbell, Sterling, N.Y. and purchased by Ken Miller of Phillippy, Tennessee for $7000.

The 3rd high animal was consigned by Len-Yln Partners I of Lancaster, Pa. and purchased for $5600 by Fair Hill Farms of Chestertown, Maryland.

Backus Associates Inc. conducted the sale.

Behold the Lord Jesus as he lay surrounded by those who loved Him. Hear His message...and spread the divine goodness everywhere, always!

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Sale Reports

A Public Auction of farm equipment was held December 14 by Richard W. Henderson, 14601 Western Road, Sparks, Maryland. A large crowd attended the sale.

Some prices included: Int. 444 tractor $3375, J.D. 2020 w/loader $5475, J.D. 4030 D tractor $9150, N.H. #467 haybine $1950, N.H. #276 baler w/pickup & bale thrower $3550, J.D. 4-row corn planter $900, 36' hay/grain elevator $725, gravity bin $750 and Grove dump wagon w/bale sides $800.

The sale was conducted by Milton J. Dance Co., Inc.

xxx

A Public Auction of a 95 acre limestone farm was held December 15 by Paul Z. and Eva B. Martin, 1 mile south of Richland, Millcreek Twp., Lebanon Co., Pa.

The property was sold for $373,000 to Raymond and Sara Zimmerman of R.D. 1, Newmanstown, Pa. It included a 2 story frame dwelling, stone and frame bank barn, large corn barn and silos.

The auctioneers were Paul E. Martin and John D. Stauffer.

xxx

A Public Sale of real estate was held December 15 by Robert F. and Elise M. Abbato, 2 miles south of Wakefield, Lancaster Co., Pa.

The 108 acre farm was sold for $190,000 to Martin G. Nolt, R.D. 2, Peach Bottom, Pa. It included a ranch-style dwelling of brick-type siding, a frame bank barn with a concrete block extension with storage above and below. Also 2 stave silos, a concrete block milk house, two streams and an orchard.

Auctioneers were Robert E. and Jeffrey R. Martin and Frank L. Steller.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

DECEMBER

SAT. DEC. 22 - 10 AM Farm Equip. & Dairy Cattle. LOCATION: Along R. 897, 6 miles north of Rt. 272-897 Junction, 1 mile north side of Blainsport. 8 miles south of Schaefferstown, Lanc. Co., PA. Lamar W. & Eileen Garman. Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. DEC. 22 - 8:30 AM Public Auction of Antiques, Butchering Tools, Household Goods & Farming Tools. Located: Stewartstown Fire Hall, Rt 24 North of Stewartstown, PA. John E. Orwig & Luther W. Orwig, P.O.A. Bob & Tom Sechrist, Auctioneers.

SAT. DEC. 22 - 9:30 AM Public Sale of Farm Machinery & Household Goods. LOCATION: Cumberland Co., PA. Midway between Carlisle and Shippensburg. Traveling Rt. 11 to Stoughstown turn on to Spring Rd., turn left on to Springfield Rd. Sale by: Isaac & Mable Martin. Melvin & Lamar Sensenig, Auctioneers.

WED. DEC. 26 - 1 PM Public Sale of Display Racks, Shelves, Tables and Antique Store Items. Located at 40 East Main Street, Ephrata, PA. Terms by: Mitchell & Ruth. T. Glenn Horst, Auctioneer.

FRI. DEC. 28 - 1:30 PM State Graded Pig Sale. Westminster Livestock Auction, Westminster, MD. 301-848-9820.

FRI. DEC. 28 - 10 AM Public Auction of parts, lawn & garden tractors, snowmobiles, farm equip., tractors, combines, and heads. Located at US 12 at Union, Michigan. Boyers, Inc., Owners (616-641-5841). Rex D. and Denzil Schrader, Auctioneers.

SAT. DEC. 29 - 1 PM Public Sale of Real Estate. Steer, Hog, or Horse Farm. LOCATIONN: Franklin Co., PA. From Shippensburg take Rt. 533 west to Orrstown, follow Rt. 433 south approx. 1 mile to sale. Terms by: Christ & Delores Gettel. Melvin & Lamar Sensenig, Auctioneers.

SAT. DEC. 29 - 9 AM Public Sale of Tractors and Equip., New and Used Tools, Food, & Household Items. From Interstate 81 South of Martinsburg, WV, take Exit 5 (Inwood) WV, Rt. 51 East approx. 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn right-.2 of a mile to sale. OR from Chalres Town, WV, take Rt. 51 West, go approx. 8½ miles to Shutt's Cash Grocery, turn left-.2 of a mile to sale. Edgar A. Bohrer, Sale Mgr.

SAT. DEC. 29 - 11 AM Vineyard Equipment Auction of well cared for line of machinery. Located at the farm, 3289 Skyline Drive, just off Rt. 54-A at Kinney's Corners, about midway between Penn Yan and Branchport. Mr. & Mrs. Cloyce Pinneo, Owners. Pirrung Auctioneers, Inc.

SAT. DEC. 29 & TUES. JAN. 1 - 2 Day Public Sale 9 AM Both Days. Sale of Antiques, China, Glassware, Display Cases, Jewelry & Furs. Located at 17 Gerhart Avenue (just off S. State St.), Ephrata, Lanc. Co., PA. Terms by: Dorothy R. Summers Estate. T. Glenn Horst, Auctioneer.

PUBLIC AUCTION

FARM MACHINERY 2 TRACTORS, SOME HOUSE ITEMS, ETC.

On farm 12 miles E. of Muncy, Pa. 5 miles NW of Millville along Rt. 42 highway at Pine Summit.

SATURDAY, DEC. 29, 1984

Starting 11:00 A.M.

Brief Listing Follows.

IH 560G tractor w/TA-2 pth, Farmall Super M tractor w/live hyd & Power steering, IH 4-16" & 4-14" plows, 12' harrow, IH 16-7 sgl disc drill, Oliver 540 planter, NH 271 thrower baler, NH 460 haybine, IH roto-bar rake, 2 Gehl 300 choppers, NH 38 chopper good, 5 wagons, 1 self-unloading, 3 16' thrower racks, 1 gravity, Little Giant 38' all purpose elevator, NH 327 M spreader, 2 IH 33 loaders, Ford pto blower, hyd cylinders, Forney 180 amp welder, accteylene set, 3 DeLaval magnetic milker units, DeLaval 75 pump, other dairy items, 2 wagon loads of small items, lots more

Full full list call Auct.

Owners, **MASON & RENEE HOLDREN**
Conducted by Fraley Auction Co.
(717) 546-6907 AU001194L
Lunch

AUCTION

SAT., DECEMBER 29, 1984

10:00 A.M.

ABSOLUTE FARM MACHINERY and Many Items From JD Dealer Closeout

NORTHEAST AUCTION CENTER
Rt. 5, Vernon, NY

30 miles East of Syracuse; 15 miles West of Utica; 5 miles from NY State thruway Exit 33.

JD 8630 tractor; JD 420; JD 70 skid loader; Bobcat 520 skid loader; JD 3010 diesel; AC 7000 w/cab; AC 7060 w/cab; JD 4010; Farmall H; AC model C; JD 270 snow blower, like new; JD 70; Ford Major; Ford 8N; Farmall M; Uebler feed cart; wide front for M or 400; JD 25A chopper; JD 2500 6 btm. plow; JD plow on land hitch; Elwood 4 WD frontend; Hesston hydro swing haybine, rear blades; assortment of outside lighting; new florescent lighting; mowers; several manure spreaders; lawn and garden tractors; several snow mobiles; hay tools; JD part manuals, full sets Ag and CP; JD Tech Manuals Ag and CP and some industrial; 2 modern Fiche machines w/complete JD Fiche; special tools for JD and other major lines; splitting stands, new style and old; oil bar complete; 2 Mavis systems w/all slides; 2 VCR systems w/CP and Ag tapes; open display shelving, like new; over 30 Gondolas, modern; several wall displays; over 3,000' of heavy duty parts shelving, modern; short-line catalogs including many parts and bearing cross reference manuals; Safeway hydraulic display case; many other modern cabinets; JD parts; plow points; planter parts; combine straw choppers, new; loader frame plus many more new parts; old style wooden shelving;

COMPLETE VHF MOTOROLA RADIO COMMUNICATION SYSTEM W/TALK-AROUND

Over 3,000 lbs. of new bolts, grade 5 on most, fine and coarse w/display; selection of tractor hoods and fenders; new tools over 1,000 popular hydraulic fittings w/display cabinet; hydraulic hose machine w/cutter power crimp; hydraulic press; drill press; modern gas pumps; battery charges; desks; large assortment of many useable garage items; air conditioning test equipment; flow raters; gauges; diesel test equipment; oil and lubricants; filters; antifreeze; large assortment of operator manuals and much more;

More tractors and equipment yet to list.

Plan on attending this fine absolute sale!

TERMS: **Cash, Good Check w/ID**
Master Card and Visa
Financing available, call ahead.
315-697-2641 or 315-829-2330

Trucking Available
Nothing to be removed until settled for.

MANAGER'S NOTE:

This **absolute sale is loaded w/many quality items for everyone. Farmer-Dealer-Mechanic-Garage Owner-Home Owner-Salesman. Plan on attending and bring a friend. A great time for year-end purchases. We appreciate your attendance.**

NORTHEAST AUCTION CENTER
Vernon, NY

AUCTION SALE

J.D. TRACTORS-TRUCKS- 7000 PLANTER-NO-TILL DRILL-GRAIN HEADER

Having discontinued our grain operation, we will offer for sale the following items on

SATURDAY, DECEMBER 29, 1984

Beginning at 11:00 A.M.
St. Giles Farm
Md. Route 347
Hebron, Maryland

1978 JD 4400 w/manual trans., 1400 hrs., 23.1x26 tires. JD 215 Flex Head, 15' hydraulic reel, 3 yrs. old. JD 444 4 R.W. C.H., 1978. 1959 Sampson Flat Bed Grain Trailer, 35', 1966 Strick 40' Van Trailer set up to handle grain w/2 top doors, 1976 John Deere 4430, Sn 040526R, Cab, air, Quad range, dual remotes, 18.4x38 tires, 4202 hours, very good.
1975 John Deere 2630, Sn 234432T, single remotes, 3225 hours, 16.9x30 tires.
Farmall Super AV high wheel w/hydraulics, cultivator, fertilizer w/SS hopper, PTO and pulley.
1976 GMC 6000, 47,242 miles, 10:00 x 20 tires, 5 x 2 trans., w/Heil 16' metal double piston dump body, tires excellent.
1969 GMC 5500, V-8, 4 speed w/2 speed rear, 89,000 miles, w/14' Snyder single piston dump body, 9:00 x 20 tires, tires excellent.
John Deere 7000, 6 row narrow maxi-merge planter, Sn 093222A, Reg no-till colters, fertilizer, insecticide, reg monitor, needs fertilizer tubes.
Planter is in good condition.
Haybuster 1206 No till drill w/front & rear assist wheels, seed & fertilizer hoppers. This drill is 12' wide w/24 spouts 6" apart.
Hardee offset bush hog w/hydraulic slide, Model H-360-60.
2 Massey Ferguson 205 manure spreaders w/top beater & bellie pans.
John Deere 443, 4 row narrow corn head.
John Deere 454, 4 row wide row crop bean head.
Bush hog 13' 8" width
John Deere FH1B1 manual fold disc, 48 blade 9" space.
Agro-tec 500 gal. sprayer w/30' boom and FMC centrifugal pump, welded frame for 30" rows.

Dunham-Lehr-Stine cultivator w/rolling fenders.
Ferguson 14' 3 bar chisel plow.
Lilly 15' Rottera 540 PTO w/spray bar.
Kneib bale loader
Adapter for JD header to MF 510
8' double roller packer
3 pt. hitch boom
M&W 16.9x30 duals
8 front weights for J.D.
6 rear weights for J.D.
M&W 18.4 x 38 duals
Mineral feeder
Wooden gates
Tires: 9:00x20; 18.4x38; 10:00x20
4x6 treated 7'
Pittsburg 36 blade disc 7" space, tandem wheels
100 gal. pickup fuel tank w/electric pump
Farmec 24' elevator 20" wide, 5hp engine
300 gal. Raven tank
Seed Easy w/large extension
3 galvanized gates
3/8 steel post
Reel Smooth 17 ga. wire
12 hoes
2 x 6 oak, 7' & 14'

Terms: Good check on day of sale.
Financing is available to qualified buyers until after payment of hold check funds in January. For further info. contact the Auctioneer.

Directions: Hebron is located just off US Rt. 50, approximately 6 miles west of Salisburg, Md. Turn off US 50, go through Hebron on Rt. 347, first farm on right after school.

Owners
W. SIMPSON DUNAHOO
SHIRLEY B. DUNAHOO

Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
Phones: (301) 546-2425 Office
(301) 742-6220 Home

ANDERSON AUCTIONEERS, Inc.

Box 50
Georgetown, PA. 15043

Pa. auctioneer license #PA-AU-000018-L

* LIQUIDATION AUCTION *

The Art Swartz Construction Co., Wyano, Pa. (Westmorland Co.) 4 mi. West of New Stanton on I-70 at the Yukon Exit, on:

SATURDAY, DECEMBER 29, 1984

10:00 A.M.

EQUIPMENT:

J.D. 690-A hyd. excavator sn, 1009; J.D. 690 sn, 633T; J.D. 410 backhoe sn. 348527; J.D. 544 rubbertired loader sn. 78688; FIAT ALLIS 545B rubbertired loader sn. 21CO6864; AUSTIN WESTERN 12½ ton crane sn. 5748; FIAT ALLIS HD7GB crawler loader sn. 34U29340; J.D. 450D diesel crawler loader, new pins & bushings sn. 104501T; J.D. 350B diesel crawler loader; J.D. 440 gas dozer w/manual angle blade; J.D. 1010 dozer, blade & winch; J.D. 1010 crawler loader; MASSEY FERGUSON 3366 diesel crawler loader sn. 7091949; MASSEY FERGUSON 2244 diesel crawler loader sn. 152UA11179; CASE 1735 skid steer loader; CASE 1816B skid steer loader sn. 9824690; FORD 8N tractor, loader/backhoe; UNITED SURVEY, INC. air test machine; I.R. 365 air comp. - diesel; 1 JAEGER 125 air comp; I.R. CM-2 track drill; LEROI 125 track air drill; ALLIED 24" boring machine; BUCKEYE 407 trencher; BRODERSON MH42 hyd. hammer; ALLIED 250 Hoe-ram (fits 410); extra buckets; POW-R-MOLE hyd. pipe pusher; JCB loader backhoe (needs repair); pumps; jackhammers; space heaters; tampers; other construction related items; 1972 - G660 gradall.

TRUCKS

70 MACK R685 tandem, new cab; 79 FORD F-350 mechanics truck; 78 FORD F-350 mechanics truck; 77 FORD F-350 stake; 63 FORD F-600 stake; 73 BROCKWAY single axle dump; 68 FORD F-950 single axle dump; 68 GMC C-80 dump; 56 FORD F-800 dump.

TRAILERS

1978 ROGERS 35 ton tandem detachable lowboy; 1977 FRUEHAUF 42 ft. flat; 1968 TI-BROOK 27 ft. alum. dump; 1971 TRAILMOBILE 40 ft., reefer; 9 storage trailers.

SHOP TOOLS

LINCOLN 225 amp DC gas welder; LINCOLN 300 amp welder; AIRCO 300 amp w/wire feed; P&H gas welder, 300 amp; MALSBURY steam cleaner & washer; 40 ton press; CRAFTSMAN 6" lathe; 10 ton floor jack; pipe threader; shop crane; speed balancer; valve grinder; BLACKHAWK 1½" drill press; parts bins; LOT hand tools & other shop tools.

TERMS: Cash, cashier check. Personal or company checks must be accompanied by a bank letter of credit.

PUBLIC SALE

SATURDAY, JAN. 19, 1985
TRACTORS, FARM MACHINERY
10:30 A.M.

Located along 322 in Guthriesville, next to Croppers Farm Market, 9 Miles East of Honey Brook, 3½ Miles west of Dowingtown, Chester Co.

International 444 with 1550 loader and Bucket, Farmall 560 new tires, Farmall Super M, N.H. 271 Baler with Kicker, P.T.O., like new, 450 Case Crawler with Bucket, N.H. 479 Haybine, J.D. 246 Corn Planter, like new, International 100 Balanced mower, 3 pt. with 8 extra knives, International 420 2x16 trip bottom plow, 3 pt., International 540 4 Bottom, 16" plow, International 10 ft. transport disc, International 5 ft. rotary mower, 2 J.D. 16 ft. hay wagons with racks, Case 14 ft. Dump wagon, 20 ft. wagon with hay racks, N.H. 401 crimper, International crusher, New Idea #10 corn picker, N.H. side rake, International 155 manure spreader, P.T.O. J.D. Cultivator, J.D. 3 section harrow, Smoker 24 ft. elevator, with motor, Giant 16 ft. elevator, J.D. 13 disc Grain drill, Cultipacker, 3-pt. platform, J.D. Gravity wagon, J.D. heat houser, Farmall heat houser, toro snow blower, 275 gallon gas tank on stand, truck wheels & tires, blizzard cutter, Grain Auker, 2-rolls snow fence, 2-wooden troughs, platform scale, bob sleigh, 4-horse hay wagon, spring wagon gear, walking plow, 2-rolls 10 bar wire new, 4-steelwater troughs, wooden ladder, 50 gallon drums, fog wagon, wheelbarrow, chicken crates, 3 ft.-10 ft-16 ft. gates, shovels, forks, tools, many more articles. Sale Time 10:30 A.M.

No out of state checks

Terms by
DAVID A. LAIRD

Frank and Paul Snyder, Aucts.
AU-000873-L
717-733-7052
Fasnachts, Clerks

Refreshments by
East Brandywine Fire Co.

PUBLIC SALE

SATURDAY, JAN. 12, 1985
10:00 A.M.
FARM EQUIPMENT & CRAWLER LOADER

LOCATED: Along Rt. 124 - 8 mi. east of York, PA., off Rt. 83 at Exit 7, or 2 mi. west of East Prospect, Pa., York County.

Farmall 656 diesel, wide front, 3 pt. front & rear weights, 95% rubber, John Deere 420 tricycle w/power steering & 3 pt. hitch, 58% rubber, John Deere 1010 crawler loader & riper, (motor completely overhauled), New Holland 256 rake w/rubber mtd. teeth, New Holland 477 haybine, New Holland 328-2 beater PTO spreader, Ford 532 baler, 4 yrs. old, Brillion 10 ft. packer w/grass seeder attachment, J.D. F.B.B. drill 17 disk (fertilizer, seed box & grass box), 420 Int. 3X16 Trip Back plow 3 pt., Int. Transport disk 28 blade w/scrapers, Int. 4 row corn planter Model 56 w/dry fertilizer & disk openers, 9 ft. Brillion cultipacker, hay wagon, tandem axle farm trailer, 8 ft. Easy Flow lime spreader, BMB 5 ft. rotary mower - pull type, 3 pt. post hole digger 9" auger, John Deere 78 - 7 ft. scraper blade, 3 pt. 2 row culti., 3 barrel trailer sprayer w/booms, potato plow, cement mixer, clover seeder, 3 section spring harrow, platform scales, portable cattle loading shute & head gate Mfg. by Fry Bros., electric fences, 40 ft. extension ladder, 3 pt. platform carrier, 4 hp. roto tiller, hydraulic cylinders, metal & wooden fence post, barb wire, electric wire, page fence, dehorner, castrater, 1½ ton chain hoist, 2 bar jacks, halters, stillard scales, cream separator, buck saw, shovels, forks, tow chain, Lincoln 225 welder, McCullah 12" chain saw, & other misc. farm items.

AUCTIONEER'S NOTE: Many of these items were purchased new & well taken care of. Not many small items so please be on time, sale will be over early afternoon.

TERMS: CASH OR GOOD CHECK.
FULL SETTLEMENT SALE DAY.

JAMES CUNNINGHAM
RD. #12, York, Pa.
717-252-4373

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412
Pa. Auctioneer's Lic. #761.

Public Auction Register

Closing Date Monday, 5 00 P M of each week s publication

SAT. DEC. 29 - 11 AM Public Auction of Farm Mach. & Trucks. Located on farm on Rt. 18 between Grasonville and Rt. 50 Watch for signs on Rt. 50, 7 mis. from the Bay Bridge on the Eastern Shore. Mr. A. Ray Ewing, Owner. Walton P. Taylor III, Auctioneer.

SAT. DEC. 29 - 11 AM Public Auction of JD Tractors, Trucks, 700 Planter, No-till Drill, Grain Header. Located. Md. Rt. 347, Hebron, MD. Hebron is located just off US Rt. 50, approx. 6 mis. west of Salisbury, MD. Turn off US 50, go through Hebron, on Rt. 347, first farm on right after school. W. Simpson & Shirley B. Dunahoo, Owners. Pete Richardson Auction Sales.

MON. DEC. 31 - 5:30 - 11 PM EVERY MONDAY NIGHT. Elms Near Auction of household furn., office furn., and household goods 2 Auctioneers. Col. Richard P Allen 609-267-8382.

MON. DEC. 31 - 12 Noon. Public Auction of the Bailey-View Holstein Dispersal. Located in Ulysses Boro, Potter Co., PA. Watch for arrows on Main St. Rt. 49 Jerry Pirrung Sales, Ulysses, PA 814-848-7421, Auctioneers.

JANUARY

TUES. JAN 1 - 7:30 PM Public Auction of Weekly Sales. Located at the Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

TUES. JAN. 1 - 9 PM Antique Sale Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lanc. Co., PA.

TUES. JAN. 1 - Carlisle Livestock Market will be open. Eggs, poultry and rabbits 5 PM & livestock 7 PM.

TUES. JAN. 1 - 10 AM Public Sale of 8 acre mini-farmette and household items. Located 1 mile east of Franklin Square from Rt. 125, midway between Shamokin and Hegins. Joseph Morgan, Owner. Mark D. Seiler, Auctioneer.

WED. JAN. 2 - 10:30 AM Complete Farm Dispersal of 50 Interstate Tested, Homeraised Holsteins. To be held at the farm 6914 Begole Rd. at the corner of Swanson Rd. Follow auction signs from Rt. 36 at Peters Motel, just south of the Village of Mt. Morris. Edward C. Swanson, Owner. Pirrung Auctioneers, Inc.

THURS. JAN. 3 - 10 AM Public Auction. Complete Dispersal of 70 head of Holstein Dairy Cattle, & Milking Eq. LOCATED 3 miles West of Leesport. Turn off Rt. 61 at Leesport traffic light onto Wall Street for approx. 2 miles. Turn right at stop sign onto Grange Road approx. ½ mile and left at Ontelaunee Grange Hall onto White Oak Lane to sale Charles Strause, Owner Kenneth P Leiby, Auctioneer.

FRI. JAN. 4 - 10 AM Special Horse Sale (Work Horses-Mules-Driving Horses) at New Holland Sales Stables, Inc. 12 miles East of Lancaster, PA, just off Rt. 23, New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN. 5 - 1 PM Public Auction 5 bedroom 2½ story house, 6 acres fruit trees, green house. Located: 8 miles West The Buck, PA, 2 miles south of Norman Wood Bridge on River Rd. from Rt. 372 go South on Slab Rd. to River Rd. turn right. Benjamin B. & Susie G. Glick, Owners. Steve Petersheim, Auctioneer.

SAT. JAN. 5 - 11 AM Public Auction of 72 Registered and Grade Holsteins. To be held on the farm at RD 1 Womelsdorf, Tulpehocken Twp., Berks Co., PA. From Rt. 422 at Womelsdorf go north on Rt. 419 5½ miles and turn right onto Summer Mt. Rd. to 1st farm on left or exit off 178 at Rehrersburg exit and go south on Rt. 419 to Summer Mt. Rd. Ridge Crest Farms. Harry Backman, Auctioneer

MON. JAN. 7 - 5:30 - 11 PM EVERY MONDAY NIGHT. Elms Near Auction of household furn., office furn., and household goods. 2 Auctioneers. Col. Richard P. Allen 609-267-8382.

WED. JAN. 9 - 10 AM Public Auction of 139 acre farm, farm equip. LOCATION: Take 11 & 15 N through Selinsgrove, Snyder Co., PA to 522 S. Take 522 S. to 1st crossroads after Jct. 204. Turn right onto Salem Rd. go approx. 2 miles through Salem, PA to Fair Oak Rd. Turn left at Y, cross bridge to 1st blk. top road on left. Farm is on left. Auction By: Lee D. & Mary Ann Hostetler. American Auction Service: Kenneth Welsh & Alfred G. Reist, Auctioneers.

THURS. JAN. 10 - 11 AM Public Auction of Farm Equip. Location: Take US 24 to Lagro, IN, then South on SR 524 ½ mile to Durnbaugh Rd., then west & south 1 mile to Durnbaugh Rd., then ¼ mile west to the auction. Brian & Nancy Ridgeway, Owners. Rex D. and Denzil Schrader, Auctioneers.

SAT. JAN. 12 - Public Sale of Farm Eq. & Crawler Loader. Located: Along Rt 124, 8 mi. east of York, PA, off Rt. 83 at Exit 7, or 2 mi. west of East Prospect, PA, York Co James Cunningham, Owner. Blaine N. Rentzel, Auctioneer.

SAT. JAN. 12 - 1 PM Public Sale of 4 Tracts of Real Estate of the William D. Coldren, Sr Estate Along Ridge Rd from Denver to Reinholds and Rt. 897 Lancaster Co., PA Henry H. Leid, Auctioneer.

ABSOLUTE PUBLIC AUCTION

Valuable Southern Lancaster County
FARM LAND
54½ Acres Of Land
TO BE SOLD TO THE HIGHEST BIDDER
SAT., JANUARY 19, 1985
AT 2:00 P.M.

DIRECTIONS - Take Rt 272 South of Lancaster to Truce, Turn Right Onto Rawlinsville Road to Town of Rawlinsville, Turn Left Onto Drytown Road to Property on Right

Unlimited Potential
Level To Gentle Sloped Land
Over 2 950 Road Frontage on Drytown & Nissley Roads
Extremely Good Sub Division Possibilities
40 000 Sq Ft Minimum Lot in Agriculture Zone
Zoned Agriculture and in High State of Cultivation
Ideal Small Farm Site
Small Pond & Bordered By Woodland
Excellent Opportunity to Purchase Real Estate

TERMS - 10% down day of Auction - Balance on or before April 1 1985

For information & plot plan - call Auctioneers 717 733 1006 Broker participation

Auction For
JAMES W. HOSTETTER
MARY LOUISE HOSTETTER

Auction Conducted By
Randal V. Kline, Lloyd Kreider
Roy Good Jr., Auctioneers
Au-000499L

KLINE & KREIDER AUCTIONEERS

ABSOLUTE AUCTION

OF VALUABLE 53½ ACRE FARMETTE W. BRICK HOUSE, BARN & 2 RENTAL DWELLINGS

Located on Route 841. Turn off Route 896, 2nd farm on left, 1 mi. north of Kembleville & 3 mi. South of New London, PA. in Southern Chester Co. Franklin Twp. Watch for signs.

SATURDAY, JAN. 12, 1984
at 12:30 P.M.
INSPECTION:
DEC. 23 & JAN. 6
from 12:30 til 3 P.M.
& Day of Sale 11 till sale time

3 Story Brick 10 rm, bath & pantry kitchen house w/slate roof, full basement, oil fired heat & nicely renovated, frame barn & silo, Rental-carriage house w/4 rms, bath & loft, Sm. House w/kitchen, bath & comb. family & sleep room, brooder house, spring house & smoke house situated on rolling country side w/farm pond & post & rail fence. Excellent fox hunting country w/lots of road frontage. This is an excellent investment property Don't miss this opportunity.

Terms $25,000 be paid day of sale by certified funds only & balance at settlement within 60 days. Bidders must show certification at registration.

Owners
DOLORES A. & ELWOOD R. MORRIS

Auctioneers
Harold S. Hill & Son Inc.
Information 215-274-8525

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

Merry Christmas and a Happy New Year to all.

Thank you for making 1984 a pleasant year. A special thank you to our Clients.

...we would that ye prosper and be in good health even as your soul prospereth.
III John 2

Steve and Anna Petersheim

John	Steve Jr.	Sam
Naomi	Ruth	Orpha

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT. JAN. 12 - Public Sale of Quality Real Estate, Fine Household Furnishings, Coins & Car. Located at 336 S. State St., Ephrata, PA. Terms By: Ephrata National Bank Quardian for Naomi C. Orr. T. Glenn Horst, Auctioneer.

SAT. JAN. 12 - 12:30 PM Public Auction of Valuable 53½ acre farmette w/brick house, barn & 2 rental dwellings. Located on Rt. 841. Turn off Rt. 896, 2nd farm on left, 1 mi. north of Kemblisville & 3 mi. south of New London, PA, in Southern Chester Co., Franklin Twp. Dolores A. & Elwood R. Morris, Owners. Harold S. Hill & Son, Inc., Auctioneers.

MON. JAN. 14 - PA All Breed Bred Gilt Sale of Hampshire, Landrace, Yorkshire, Spotted. Located Farm Show Bldg., Harrisburg, PA, Small Arena, 717-787-4160. PA Co-op Swine Breeders Assn. Harry Bachman, Auctioneer.

TUES. JAN. 15 - PA All Breed Bred Gilt Sale of Polands, Chester Whites, Berkshires, Duroc. Located Farm Show Bldg., Harrisburg, PA, Small Arena, 717-787-4160. PA Co-op Swine Breeders Assn. Harry Bachman, Auctioneer.

JAN. 18 - 10 AM Special Horse Sale (Work Horses-Mules-Driving Horses) at New Holland Sales Stables, Inc., 12 miles East of Lancaster, PA, just off Rt. 23, New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN. 19 - 10:30 AM Public Sale of Farm Machinery located along Rt. 322 in Guthriesville nest to Croppers Farm Market, 9 miles East of Honey Brook, 3½ miles West of Downingtown, Chester Co., PA. Sale by David A. Laird; Frank and Paul Snyder, Auctioneers.

PUBLIC AUCTION

OF FARM MACHINERY & TRUCKS

SATURDAY, DECEMBER 29, 1984

11:00 A.M.

Having decided to change my farming operation, I will offer for sale the following items. The sale will be held on the farm where I live on Rt. 18 between Grasonville and Rt. 50. Watch for signs on Rt. 50, 7 miles from the Bay Bridge on the Eastern Shore.

540 M.F. combine (660 hrs.) like new, cab with air, oversized tires, 1144 cornhead, 1982 13 ft. New Style grain table.

1070 Case tractor with duals (Just rebuilt) - like new, John Deere model 7000 Maxi Merge corn planter, fert., insecticide, monitor.

International model 770 12 ft. offset disc with new 26" blades and bearings, Wagon with gravity feed body, Case 12 ft. disc tandem, Case 14 ft. disc tandem, Case 10 ft. chisel plow, Brady 10 ft. chisel plow, Brady 12 ft. field cultivator with midwest harrow, 1 Wesco 4-row cultivator rear mounted, 1 14-ft. cultipacker crowsfoot with tandem transport wheels.

1973 Dodge 700 truck (13000 miles) 318 cu. in., 14-ft. Harsh steel dump body, 5 speed 2 speed.

1979 Chev. Scotsdale, auto., p.s., v/8, 59000 miles, clean, 20 m.p.g.,

No small items

TERMS: Cash day of sale.

Auctioneer:
Walton P. Taylor III

Owner:
MR. A. RAY EWING

AUCTION NOTE: This equipment is in like new condition and has been kept under cover.

PUBLIC AUCTION

OF
COMPLETE HOLSTEIN DAIRY HERD
DISPERSAL AND MILKING EQUIPMENT

LOCATED: 3 miles West of Leesport, Bern Township, Berks Co., Pa. Turn off Route 61 at Leesport traffic light onto Wall Street for 2 miles. Turn right at stop sign onto Grange Road for ½ mile and left at Ontelaunee Grange Hall onto White Oak Lane to sale. Watch for signs.

THURSDAY, JANUARY 3, 1985

AT 10:00 A.M.

(SNOW BLIZZARD DATE SAT. JAN. 5)

HERD consists of
70 GRADE HOLSTEINS
as follows:

7 due to freshen January
6 due to freshen February
5 due to freshen by day of sale
6 due to freshen March
8 due to freshen April
7 Heifers due February

Balance of herd in all stages of production.

Herd is mostly home raised with some producing up to 90 lbs.

Pregnancy checked and health charts sale day.

MILKING EQUIPMENT: 46 head Surge st. st. pipeline, 6 Surge mini units, Surge 3 h.p. vacuum pump, Sunset 1000 gal. milk tank, Surge tank washer, (4)-50 lb. Surge milker units, (1)-40 lb. Surge milker unit, (2)-20 qt. st. st. milk pails, st. st. strainers, st. st. double rinse tubs, 80 gal. hot water heater, Salvager water heating system.

REASON FOR SALE: Health problems and Lack of Help

Sale Ordered By:
CHARLES STRAUSE

KENNETH P. LEIBY, Auctioneer
R.D. No. 2, Box 2674, Hamburg, Pa. 19526
215-562-3929
PA L No. AU00541-L

JOHN DEERE

JOHN DEERE

BOYERS, INC.

FRIDAY MORNING, DECEMBER 28 at 10:00 A.M.

LOCATED ON US 12 AT UNION, MICHIGAN

AUCTIONEER'S NOTE This is the opportunity you have been looking for to buy the equipment you need at YOUR price BOYERS, INC have always made a practice of SELLING the equipment that they offer at auction COME PREPARED TO BUY AT YOUR PRICE!

SALE ORDER We will be selling in 2 rings the biggest share of the auction One ring will be selling parts the other ring will start at 10 00 AM with the lawn & garden tractors, followed by snowmobiles, farm equipment tractors combines, and heads will sell last We expect to be finished by mid afternoon DON T BE LATE FOR THE ITEM YOU WANT!

JD 8640 - JD 8630 STEIGER BEARCAT II - JD 4240
JD 4630 - JD 4430 - JD 4230 - IH 1086 - IH 806 - IH 460
JD 4520 - JD 4020 - JD 3020 - JD 1010 - FORD 8N - JD 1050 - IH 154

JD 8640 4WD tractor w/23 1 x 34 tires and duals, extended axles, triple remote hydraulics, PTO, 3 pt, quick hitch, and ONLY 717 hours * **JD 8630 4WD tractor** w/23 1 x 30 tires and duals, triple remote hydraulics, PTO, 3 pt , & quick hitch * **Steiger Bearcat II** 4WD tractor w/3208 Cat engine, 23 1 x 30 tires, 18 4 x 34 duals, dual remote hydraulics, & 3 pt * **JD 4240 tractor** w/front wheel assist, power shift, 18 4 x 38 tires, triple remote hydraulics, & ONLY 977 hours * **JD 4630 tractor** * **JD 4430 tractor** * **JD 4230 tractgor** w/quad range transmission, new 18 4 x 34 tires, dual remote hydraulics, & ONLY 10 hours on major overhaul * **IH 1086 tractor** w/cab * **IH 806 diesel** tricycle tractor * **IH 460** tricycle tractor * **JD 4520** tractor w/20 8 x 38 tires, extra long axles, triple remote hydraulics * **JD 4020 tractor** * **JD 3020** tricycle tractor * **JD 1010** tricycle tractor * **Ford 8N** tractor * **JD 1050 diesel tractor** w/13 6 x 28 tires, 3 pt, & ONLY 34 hours * **IH 154 Cub Low Boy** tractor w/belly mower

1983 CHEVROLET 4WD DIESEL PICKUP - JD 450 CRAWLER
18' TRI-AXLE TRAILER - CASE TERRALOADER

1983 Chevrolet ¾ ton 4WD pickup w/6 2 diesel engine * **260 gallon** aluminum pickup fuel tank w/electric pump **JD 450 crawler** w/6½' 6 way blade & new clutch **18' tri-axle crawler trailer** w/oak floor **Case W-12D Terraloader** w/8½ bucket

JD 6620 - JD 6600 - JD 7700 - (3) JD 4400 - JD 95
GLEANER KKS - JD 643 - (3) JD 343 - (5) JD 444
JD 434 - 20' JD PLATFORM - (10) JD PLATFORMS

1979 JD 6620 combine w/23 1 x 26 tires * **1978 JD 6600 diesel combine** w/23 1 x 26 tires * **1973 JD 7700 combine** w/28L x 26 tires * **(3) JD 440 combines** w/18 4 x 26 tires * **JD 95 combine w/new quick-tach feederhouse** * **Gleaner KKS combine** & grain platform * **JD 643** flat fender corn head * **(3) JD 343** corn heads * **(5) JD 444** corn heads * **JD 434** corn head * **20' JD grain platform** w/Hiniker bar * **(10) used** grain platforms

(7) MOLDBOARD PLOWS - (3) CHISELS - (6) MULCHERS
(2) PACKERS - (6) DISKS - (5) FIELD CULTIVATORS

10 btm vari-width JD 3700 flex plow * **8 x 18" JD 2500** hyd reset plow w/on land hitch **7 x 18" JD 2500** hyd reset plow w/on land hitch * **7 x 18" JD 2450** plow w/on land hitch * **6 x 18" JD 2450** plow w/on land hitch * **5 x 16" JD F345** hyd reset plow w/accumulator * **5 x 16" Ford 142** auto-spring reset plow * **13' JD 1600** pull type chisel plow (Demo) * **16' Brady** pull type spring loaded chisel plow * **9-tooth V-ripper** w/depth wheels * **(2) 22' Brillion** cultimulchers * **NEW 15' Brillion** cultimulcher * **15' JD 950** roller harrow

15' Brillion crowfoot mulcher **15' Kewannee** cultimulcher **NEW 18 Brillion** single packer **8½ Brillion** packer **NEW 15' JD 355** offset disk w/26 blades **28' JD 360** swinger disk **19' 11 JD 230** disk w/new blades **14' JD BWA** disk **21' Kewanee** hydraulic fold disk **9' Ford** 3 pt disk **NEW 28' JD 1010** flat fold field cultivator **24½' JD** field cultivator **13' IH** vibra shank 3 pt field cultivator **12' JD 100** 3 pt field cultivator **12' 3 pt** field cultivator **34' IH** drag wheel harrow

PLANTERS - ROTARY HOES - CULTIVATORS
JD 201 TRAILER

12 x 30" JD 7000 rigid bar planter * **8 x 30" JD 7000** planter w/quick fill liquid fertilizer (used 1 year) * **6 x 30" JD 7000** planter w/quick fill liquid fertilizer * **6 x 30" JD 7000** planter w/minimum tillage & dry fertilizer * **6 x 30" White 5400** planter w/liquid fertilizer * **Several** older 4 and 6 row planters * **(2) 21' JD 400** rotary hoes w/end tow * **8 x 30" Imperial** danish tine cultivator * **4-row Imperial** danish tine cultivators * **4-row Ford** cultivator * **4-row Wesco** cultivator * **(3) sets JD RG430** cultivators * **6-row** planter harrow * **28' JD 201** implement

(2) VAC-U-VATORS - 8' SNOW BLOWER - BLADES
LONG & WATER WINCH IRRIGATION TRAVELERS - IRRIGATION PUMP
HAY STACKER - FLAIL & ROTARY MOWERS - GRAIN AUGERS - ELEVATOR
HOPPER WAGONS - BALE WAGON - PORTABLE ALTERNATOR

Vac-U-Vator 9881 high performance pneumatic grain conveyor **Vac-U-Vator 2081** high performance pneumatic grain conveyor * **8' George White** double auger snow blower * **10' heavy** front blade for 4WD * **NEW 9' JD 534** dozer blade * **NEW 8' JD 115** rear blade * **NEW JD 78** rear blade * **Long 1560** irrigation traveler w/1300' hard nose & high clearance gun cart * **Water-Winch W-45** irrgation traveler w/soft hose, ¼ mile pull, & 200' end gun * **Portable** irrigation pump w/JD 329 engine & Berkley pump w/6" inlet & 3" outlet * **JD 27** 6-row narrow flail mower (like new) * **5' JD 506** rotary cutter (Demo) * **JD 200** hay stacker * **NH 782 chopper** w/hay & corn heads * **NH 30** whirl-a-feed blower * **60' x 8" JD 308** transport grain auger * **51' x 8" Little Giant** transport grain auger w/7½ HP electric motor * **50' JD 350** elevator w/PTO drive * **(2) M & W** little red wagons w/side dump * **JD 963** running gear w/wood throwbale cage * **JD 1075** running gear * Onan 3-phase, PTO portable alternator * **(2) NEW large** ventilation fans w/plastic ventilation air tubes * **Kelly 600** manure loader w/hyd bucket * **Year-A-Round** cabs for 4230 & 4520

(9) LAWN TRACTORS - (12) SNOWMOBILES

JD 317 hydrostatic drive garden tractor w/mower & NEW motor **Wheel Horse C 145** automatic w/mower Trac vac lawn sweeper snow thrower & weather shield **IH 129** hydrostatic drive tractor & mower **(2) Wheel Horse 1055** garden tractors w/mowers * **8HP Wheel Horse** garden tractor **Wards 11 HP** riding lawnmower w/blade * **pull-type** Trac vac lawn sweeper **JD 57** riding lawn mower **JD 56** riding lawn mower (12) **JD NEW** & used snowmobiles * **Salvage 4630 & 620** tractors & small IH crawler * **MANY, MANY** TRACTOR, COMBINE EQUIPMENT PARTS NUTS, AND BOLTS

The following equipment is the property of John Deere Company and is for final sale JD 4630 tractor w/syncro-range transmission, 20 8 x 38 tires, snap-on duals, dual remote hydraulics & 2 815 hours **JD 4230 tractor** w/cab & quad range transmission * **JD 650 diesel tractor** w/60 belly mower & ONLY 29 hours **23 x 7" JD 8300** grain drill w/staggered double disk openers **6 x 16" JD 2800** plow **6 x 16" JD 1450** plow **5 x 16" JD 1450** plow * **24' JD 230 disk** on 9' spacing **14' JD 210** disk **JD 111** garden tractor

FINANCING Qualified buyers with minimum down payment and approved credit are eligible for waiver of finance charges to September 1 1985 on combines, June 1 1985 on all tractors

TERMS Cash or check with required ID John Deere finance plan available to qualified buyers Please contact Ed Boyer at (616) 641 5841 for information on terms and required down payment

WIN A SNOWMOBILE

A JD snowmobile will be given away at the conclusion of the auction You must register and be present to win No one under the age of 18 years permitted to register

PARTS DISCOUNTS DAY OF AUCTION
15% OFF on purchases of $50 to $300 of parts in stock or stock order
18% OFF on purchases exceeding $300 of parts in stock or stock order
50% OFF on all snowmobile parts

All machinery listed is subject to sale or trade prior to December 23, 1984 **NO** listed machinery will be sold after the close of business Saturday December 22, 1984 We will have additional machinery by sale day due to trades prior to December 23 All equipment is to be removed prior to January 15 1985

OWNERS: **BOYERS, INC.**
(616) 641-5841
Call for details on any piece of equipment that you are interested in.

AUCTION CONDUCTED BY:
Rex D. and Denzil Schrader
SCHRADER REAL ESTATE AND AUCTION COMPANY
209 W. Van Buren
Columbia City, IN 46725
Phone: 219-244-7606 or Ft. Wayne 625-3373

Not responsible for accidents.

Public Auction Register

SAT JAN. 19 - 2 PM Public Auction of Valuable Souther Lanc., Co. Farmland, 54½ acres of land. DIRECTIONS: Take Rt 272 South of Lancaster to Truce, turn right onto Rawlinsville Road to town of Rawlinsville, turn left onto Drytown Road to Property on Right. Auction for James W. Hostetter & Mary Louise Hostetter. Randal V. Kline & Lloyd Kreider & Roy Good, Jr., Auctioneers.

TUES. JAN. 22 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

SAT. JAN. 26 - 10 AM Horse Sale. Keister's Middleburg Auction Located along Rt. 522 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA

FEBRUARY

FRI. FEB. 1 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers

THURS. FEB. 7 - Public Auction of a Holstein Herd and Horse Drawn Farm Machinery. Located 1½ miles NE of Oxford, Chester Co., PA. Daniel Riehl, Owner. Steve petersheim, Auctioneer.

FRI. FEB. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

SAT. FEB. 9 - Farm Implements and Consignment Sale. Call 445-4452 to advertise consigned items. Located: Along Rt. 897 1 block South of Terre Hill behind Terre Hill Silo Co. block plant in East Earl Twp., Lanc. Co., PA. Ben Zimmerman & Son, Paul H. Zimmerman, Owners. LeRoy S. Horst, Auctioneer.

SAT. FEB. 9 - Public Sale of Farm Equip. and Household Goods. Located: 1 mile west of Octorara School, turn off Rt. 41 on Highland Rd. Terms by Melvin H. & Elizabeth Horst. Robert E. & Jeffrey R. Martin 717-656-7770. Frank L. Steller, Auctioneers.

SAT. FEB. 9 - 9 AM Public Auction of Dairy Cows, Farm Equip., Work Horses, and Driven Horses. LOCATED: 1 mi. East of Ronks, 1 mi. West of Gordonville along Irishtown Rd., 1 mi. North Rt. 30 off Soudersburg Rd. Elam B. & Marion Stoltzfus, Owners. Paul Snyder & Alvin Horning, Auctioneers.

THURS. FEB. 14 - Public Sale of Farm Equip., Livestock, & Household Goods. Located 2 miles NW of Lititz, turn west off of 501 on Newport Rd. second farm on left. Terms by Elam M. & Naomi G. Stoltzfus. Robert E. & Jeffrey R. Martin 717-656-7770 & Frank L. Steller, Auctioneers.

FRI. FEB. 15 - 11 AM Public Auction of Construction Equipment, Cars, Trucks, Loaders, Etc. Located in Felton Delaware. Carroll's Sales Co., Inc., Auctioneers.

FRI. FEB. 15 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT. FEB. 16 - 10 AM Public Auction of Dairy Cows, Heifers, Mules and Farm Machinery. Located 2½ miles south of Strasburg along May Post Office Rd. or 4 miles North of 372 from Quarryville along May Post Office Rd. Lancaster Co., PA. Amos S. & Mary S. Zook, Owners. Kreider & Kline Auction Service, Auctioneers.

SAT. FEB. 16 - Farm Equipment, Hay and Straw. Located: 1 mile West of Blueball off Rt. 322. John Aaron Zimmerman, Owner. Nevin Martin and Lewis Groff, Auctioneers.

SAT. FEB. 16 - Complete Dispersal of Farm Machinery: 9 tractors 50-200 HP, 4 WD, Chisel Plows, Transport Discs, 14'-24', Large Cultimulchers, Large Grain Drills & Corn Planters, Harvesting Equip. 3 large pieces, Grain Trucks Big & Medium Sized Eq. & Misc. Items. LOCATED: 2½ miles south of Coatesville Intersection of Rt. 80 and Strasburg Rd. Leonard Strunk, Owner. Blaine Rentzel, Auctioneer.

SAT. FEB. 16 - Tack 9:30 AM, Horses 11 AM. Special Horse Sale, work horses, mules, drivers, etc. At the Belleville Livestock Mkt., Belleville, PA. 717-935-2146.

SAT. FEB. 16 - 10 AM Public Sale of Real Estate, Household Goods, Etc Located: 291 Newport Rd., Leola, PA. Monterey. Terms by Henry R. & Susie S. Stoltzfus. Steller & Martin's Auctioneers.

FRI. FEB. 22 - 9 AM Holstein Dairy Cows, Horses & Mules, Farm Eq., Household Goods. Located: 4½ mi., South of Quarryville at Intersection of RT. 472 & Noble Rd., Lanc. Co., PA. Isreal S. Stoltzfus, Owner. Diffenbach's Auctioneers.

SAT. FEB. 23 - 10 AM Horse Sale. Keister's Middleburg Auction. Located along Rt. 522 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA.

SAT. FEB. 23 - Public Sale of Farm Equip. and Household Goods. Location: 1 mile north of Rt. 283, Rheems, PA, Exit Sale by Paul G. Ruhl Estate. Raymond Miller and Rufus Geib, Auctioneers.

GOING OUT-OF-BUSINESS

PUBLIC SALE

OF DISPLAY RACKS, SHELVES, TABLES AND ANTIQUE STORE ITEMS

WEDNESDAY, DEC. 26, 1984

AT 1 P.M.

Located at 40 East Main Street, Ephrata, Pa.

SANYO DIGITAL CASH REGISTER-(CALCULATOR - 5 DRAWER)

Victor Cash Register; LARGE OFFICE SAFE; Chestnut Church Bench; Wooden Stools; Oak Pressed Back Chairs; Oak File Cabinet; Antique Shoe X-ray Machine; Clothes Tree; Shoe Fitting Benches; Office Desk, Filing Cabinets; G.E. 18,000 BTU Air Conditioners; Sales Counters; Wooden Settees; Glass Shelving with adjustable Brackets; Metal Shelving; Glass-Enclosed Display Cases; Suit and Coat Racks; Shoe Racks & Bins; Display Gondolas; Shoe and Hat Display Racks; Wooden Hat Stretchers.

WOODEN, PLASTIC & WIRE HANGERS

4 Triple Dressing Mirrors.

SECTIONS OF 1x12 PINE STORAGE SHELVING

Shoe Sizers; EUREKA ⅓ h.p. Vacuum (Power Head)

WINDOW DISPLAY ITEMS

Shipping Crates Antique Mannequins; Antique Santas; Kerosene Lamp; Nazi Helmet; Merchandiser Grabbers; Old Posters and Signs.

ANTIQUE CHILDREN'S BOOKS

TERMS BY:

MITCHELL & RUTH

T. Glenn Horst, Auct.
859-1331 – AU000438L
Timothy G. Horst, Auct.
738-1245 – AU001767L

ANNUAL PUBLIC SALE

From Interstate 81 South of Martinsburg, WV, Take Exit #5 (Inwood) WV, Route 51 East approximately 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn right - .2 of a mile to sale. OR From Charles Town, WV, Take route 51 West, Go approximately 8½ miles to Shutt's Cash Grocery Turn left - .2 of a mile to sale.

SATURDAY, DEC. 29, 1984

AT 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusens, and other tractors. We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saws, rakes, balers, round balers, grain elevators, corn pickers, and other farm relating articles.

TRUCKS: 1968 GMC, 238, 5 spd., single axle; 1973 Int., 290, 10 spd., full screw; 1979 GMC 430 Detroit, 13 spd., full screw.

We will also be offering a good selection of NEW AND USED TOOLS - Canned goods, hams and other food items - Some household articles.

TERMS: Cash or Good Check. Nothing to be removed until settled for. ID required to acquire bidding number.

Edgar A. Bohrer, Sale Mgr.
WV Lic. #18-85
304-229-8354

NOTE: This is a consignment sale. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: Small items - tools; household articles, food, etc. will be offered promptly at 9 a.m. Tractors and Equipment will be offered promptly at 1 p.m.

Not Responsible For Accidents on Premises
Lunch Rights Reserved

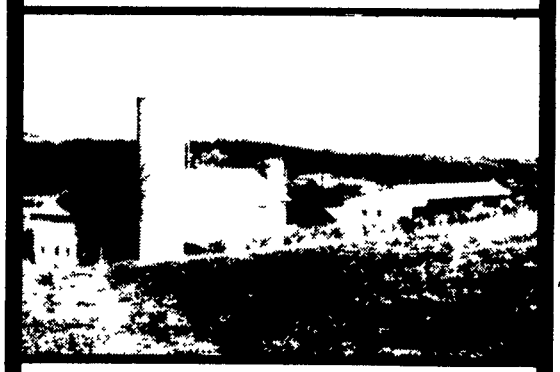
PUBLIC AUCTION

139 ACRE FARM
FARM EQUIPMENT

WEDNESDAY, JAN. 9, 1985

Real Estate at 11:00 A.M.
Farm Equipment 10:00 A.M.

LOCATION: Take 11 & 15N. through Selinsgrove, Snyder Co., Pa. to 522 S. Take 522S. to 1st crossroads after Jct. 204. Turn right onto Salem Rd. go approx. 2 miles through Salem, Pa. to Fair Oak Rd. Turn left at Y, cross bridge to 1st blk. top road on left. Farm is on left. WATCH for AUCTION SIGNS.



REAL ESTATE consists of 139 acres +/-Total. 2½ story frame house, barn, silos, 114 acres tillable & wooded land on south side of blk. top road in Penn Twp. Balance of 25 acres +/- being on North & West side of Salem Road in Middle Creek Twp.

UNIT #1: Large FRAME HOUSE w/kitchen, livingroom, diningroom, 4 bedrooms, 2 full baths, 2 screened porches, 1 sun porch, summer kitchen w/laundry & utility room, attic, partial basement w/oil fired hot air heat and gas water heater. House in emaculate condition.

BANK BARN: 40' x 76' frame w/straw shed, & cow loafing area 40' x 76'; 500 gal. bulk milk tank and outbuildings.

16' x 60'Silomatic Silo w/Titan unloader built in 1976 and 10' x 37' concrete stave silo.

IMPLEMENT SHED: 40' x 148' w/steel roof & siding, 80' corn crib, 22' x 40' shop area; like new, built in 1980.

UNIT #2: 25 acres +/-tillable & wooded land w/16' existing right-a-way. These parcels will also be offered by the entirety as 139 acres +/- with buildings.

NOTE: REAL ESTATE will also be offered in Two UNITS.

UNIT #1: Buildings and 114 acres ideal for steer or dairy operation, in high cultivation w/alfalfa, corn, pasture, ever flowing stream, beautiful wood land, in a farming community w/a valley view setting. **UNIT #2:** 25 acres +/- land.

REAL ESTATE INSPECTION: By Appointment for house and farm buildings. Call **AUCTIONEER** at 717-569-2079 or Joe Zimmerman, Agent at 1-738-1458. Balance of farm may be seen anytime. All Buildings in Good to Excellent Condition. This is a well-kept property!

TERMS ON REAL ESTATE: 10% down day of sale and balance at settlement being 30 days after sale with cash or certified check.

FARM EQUIPMENT

Massey Ferguson 1100 Diesel Tractor w/2,744 hrs., New Holland #275 Baler and #56 hay rake, John Deere 1240 plateless corn planter, New Idea 323 corn picker, Fav-O-Rite grain bin wagon, 2 Kicker bale wagons, Lanco forage wagon w/new chassie, Trailer type 300 gal. sprayer. **EQUIP.** is in very good condition and will be sold at 10:00 SHARP; there are no small items for sale.

TERMS: Cash, certified check or established customer checks.

Auction By:

LEE D. AND MARY ANN HOSTETTER
Charles J. Ax, Atty.
Auction Conducted By
AMERICAN AUCTION SERVICE
Kenneth Welsh, Auct., Manheim, Pa.
Alfred G. Reist, Auct. AU-001637L
1050 Eden Rd.
Lanc. Pa. 17601
717-569-2079

FOOD AVAILABLE

EDWARD C. SWANSON

COMPLETE FARM DISPERSAL

WEDNESDAY, JANUARY 2, 1984
(BLIZZARD DATE TUES., JAN. 8)

10:30 A.M.

MOUNT MORRIS, (LIVINGSTON CO.) NEW YORK

Sale to be held at the farm 6914 Begole Road at the corner of Swanson Road. Follow auction signs from Rte. 36 at Peters Motel, just south of the Village of Mt. Morris.

Retiring from farming after 5 generations, selling without reserve, the following:

50 Interstate Tested, Homeraised Holsteins
(Over 35 Years of Eastern Breeding)

25 mature cows sell, (13 fresh last 90 days, 2 due Feb.); 3 bred heifers (2 due Jan. other Feb.); 14 open yearlings; 1 yearling whiteface beef heifer; 7 calves to 8 mo. old. Innoculated against shipping fever, pregnancy examined. Trucking arranged!

Excellent line-up of well maintained machinery:

1977 J.D. 6600 Hydro., 4-wheel drive, diesel combine, 2008 hrs.; J.D. 443 narrow 4-row corn head; J.D. 14 ft. hume reel grain platform; 1976 I.H. 1066 "Black Stripe" tractor, 2877 hrs., air and heated cab, 20.8-38 radial tires; 1971 I.H. 656 Hydro., diesel, (Row Crop), 3833 hrs.; I.H. 2250 quick attach loader with 3 buckets; 1968 J.D. 4020 diesel with canopy top; Oliver Super 88 wide front, live hyd. and p.t.o.; Farmall "M" narrow front with live hyd.; Farmall "H" narrow front; 1980 Chevy. K-10 4WD pick-up, 35,000 miles, with Myers plow; 1980 Chevy. C-10 pick-up, 63,000 miles, loaded; 1969 Chevy. C-50 with hoist and 12 ft. grain body; 1965 Chevy. C-60 with hoist and 14½ ft. grain body; (both farm trucks 292, 6 cyl. engine, 4 sp. trans., 2 sp. axle); I.H. 720 5-18 spring reset plow with spring coulters and power slide hitch; Brillion 15 ft. cultimulcher; Brady 822 12 tooth chisel plow; Pittsburg 15 ft. transport disk; J.D. 350 12 ft. transport heavy disk; Brillion 16 ft. wing type field harrow; J.D. R640 6-row cultivator; J.D. 7000 6-row corn planter with liquid fert. set-up; I.H. 10 18-7 grain drill with dry fert. and grass seeder; GT-370 lp. gas grain dryer; squirrel cage cleaner; Hutchinson and Allied 42 ft. by 6 in. transport augers; 9 ft. by 6 in. auger; 3 grain bins (2 app. 18 ft. by 18 ft. and other app. 23 by 15); grain aerator; Turnco gravity wagon; Calhoun 4-ton tandem axle fert. spreader; 1000 gal. steel fert. tank with pump and motor on tandem axle trailer; N.H. 513 and 512 spreaders; I.H. 430 baler with ejector; N.H. 479 haybine; N.H. 256 rubber mount tooth rake; Lamco 18' by 8 and Bale King 15 by 8 steel side kicker racks on gear; N.H. 48 ft. bale or grain transport elevator; Stone 32 ft. bale elevator; 2 running gears; N.H. 770 chopper; 770 2-row narrow corn head; 770W hay pick-up head; Gehl and Papec 2 beater s.u. wagons; King Wise long table blower; Kosch side mount mower; 500 gal. water tank; set 18.4-38 in. snap on duals; set 38 in. double ring chains; 10 I.H. suite case weights; set 13-38 snap on duals; Hydraulic cylinders; Zero 500 gal. bulk tank with 3 h.p. compressor; Zero 1½" s.s. pipeline milker system with compressors and 4 miler units; Clay gutter cleaner with app. 150 ft. of year old chain; steel livestock gates; etc.!

Some top cattle, dairy equipment and a good long line of desireable farm machinery, make this a sale for every serious farmer See you January 2nd! Prior inspection invited!

Terms: Cash or good check sale day! I.D. required! Nothing to be removed until settled for.

Cattle under tent. Lunch available. Trucking arranged.

Owned by **EDWARD C. SWANSON** 716-658-4191
Auction conducted by PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

MON. FEB. 25 - Public Auction of Farm Equipment. Located at Frystown, along 645. Swope and Bashore, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

MON. FEB. 25 - Swope and Bayshore Farm Equipment Auction. Located in Frystown, PA. Paul E. Martin & John D. Stauffer, Auctioneers.

TUES. FEB. 26 - 9:30 AM Public Auction of Farm Machinery & Tractors. Located along Meadow Valley Rd., 1½ miles west of Ephrata. Terms by Edwin Horning & Sons. Ralph Horst & Blaine Rentzel, Auctioneer.

THURS. FEB. 28 - 10 AM Public Auction of Farm Equipment. Located in Bern Twp., Berks Co., along Grange Rd., Leesport. Mat-Mar Farms, Owners. Horning Farm Agency, Inc., Auctioneers.

MARCH

FRI. MARCH 1 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

FRI. MAR. 1 - 9 AM Annual Spring Machinery Sale (All kinds of farm eq.) at the Belleville Livestock Mkt., Belleville, PA. 717-935-2146.

FRI. MAR. 1 - Public Auction of Farm Equip. Located: RD 3, Lititz, PA, near Lancaster Airport. Paul W. & Laura J. Weaver. Paul E. Martin & John D. Stauffer, Auctioneers.

FRI. MAR. 1 - Paul Weaver Farm Equipment Auction. Located Southeast of Lititz, PA (near the airport). Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. MAR. 2 - Farm Equipment, Tools, and Household Goods. Near Cambridge. Chester M. Martin, Owner. Nevin Martin and Lewis Groff, Auctioneers.

SAT. MAR. 2 - 9 AM Public Auction of the 21st Annual Consignment Sale of Bart Fire Co. Selling hay, straw, farm equip., furniture, quilts & antiques. LOCATED: at Bart Fire Hall, Georgetown, PA. Local Auctioneers.

SAT. MAR. 2 - 9 AM Public Auction of Farm Machinery, Household Goods, Antiques & Tools. Located along Weaverland Rd., 1 mile northeast of Blue Ball. East Earl Twshp., Lanc. Co. Terms by: Paul N. & Mary Ella Zimmerman. Paul Horst & Lamar & Melvin Sesenig, Auctioneers.

SAT. MAR. 2 - Public Auction of Farm Equip. Located: between Ephrata and Farmersville along Peach Rd. Larry Stauffer, Owner. Paul E. Martin & John D. Stauffer, Auctioneers.

MON. MAR. 4 - Public Auction of Farm Equipment. Located 1 mile south of Richland off Milbach Road. Paul Z. & Eva B. Martin, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

THURS. MAR. 7 - 9 AM Public Sale of Modern Farm Machinery. Located 3 miles East of Mifflinburg, Union Co., PA. Mark M. & Deborah Wehr, Owners. Earl Eash, Auctioneer.

THURS. MAR. 7 - 10 AM Public Sale of full line of Farm & Dairy Equip. and Silo. Located between Leola and New Holland in Bareville, turn off Rt. 23 on South Hershey Ave. in Lanc. Co., PA. Terms by Robert & Joan Book. Robert E. & Jeffrey R. Martin, Auctioneers.717-656-7770. Frank L. Stoller

FRI. MAR. 8 - Farm machinery, Holstein dairy heifers. 5 miles north of Bloomsburg, PA, Columbia Co. Glen & Betty Bowman, owners. Fraley Auction Company.

FRI. MAR. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

SAT. MAR. 9 - 9 AM Public Auction of Farm Machinery, Household Goods, Antiques located 2 miles Northeast of Bernville off Shartlesville Road, 1 mile to first farm on left, 4 miles South of Shartlesville, 4 miles south of Berks County. Sale by Wilbur and Pauline Hartranft, Owners; Paul Snyder and Alvin Horning, Auctioneers.

SAT. MAR. 9 - 8:30 AM Public Auction Annual Consignment Sale of the Gordonville Fire Co. Selling Farm Equipment, Livestock, Household Goods, Quilts and Antiques. Located at the Gordonville Fire Hall, Gordonville, PA. Gordonville Fire Co. Sales Committee, Owners. Ron Funk & Local Auctioneers.

MON. MAR. 11 - Weaver Martin Farm Equipment Auction. Located west of Ephrata, PA. Paul E. Martin & John D. Stauffer, Auctioneers.

TUES. MAR. 12 - Farm Equip. and tools. Paul Garman, Owner. Located: Denver, PA. Nevin Martin and Lewis Groff, Auctioneers.

Dairy and Livestock Sales

ELMS NEAR AUCTION

EVERY MONDAY NIGHT 5:30 P.M.-11:00 P.M.
2 AUCTIONEERS

You'll Find The Very Best Buys At Our Auction
Sofas, Chairs, Bedroom Sets, Dining Room Sets, Rugs, Large Appliances, Small Appliances, Lamps, Mirrors, Coffee Tables, Pictures, Prints, Dishes, Pottery, Tools, Power Tools, Glassware, Televisions, Stereos, Radios, Baby Clothing, Baby Furniture, Toys, Games, Bicycles, Utensils, Linens, Clothing, Jewelry, Christmas Decorations, Office Furniture, Office Equipment, Typewriters, Calculators, Drapes, Curtains, Kitchen Sets, Pots & Pans, Knitting Yarn, Puzzles, Books, Rakes, Shovels & Hoes And Much More!!!

Terms: Cash, VISA or Mastercard For Purchases Over $100

COL. RICHARD P. ALLEN
Vincentown-Lumberton Rd.
Vincentown, NJ 08088
(609) 267-8382

Food Stand Open
At All Sales

COMPLETE HOLSTEIN MILKING & BRED HEIFER DISPERSAL

For
Raymond & Loretta Jane Stoltzfus
RD #1 Parkesburg, PA
42 COWS & 12 HEIFERS

SATURDAY, JAN. 5, 1985 12:NOON

To be held at Smoketown Quality Dairy Sales Co. Smoketown, Pa. Rte 340-5 m. E. of Lanc. 5 m. W. of Intercourse PA.

90% of herd are home raised-Heifers calfhood VACC. Most of herd VACC. Cows fresh summer & fall-Bred for next year. Fall and Winter Herd. 31 Cows Averaged 54-55 lbs. for Nov. & Dec. 3.78t.-3.88t. Heifers just fresh with DAMS in herd. All Atlantic Bred & Sired. VACC for IBR & Shipping Fever. Pregnancy checked by Dr. Laffey. Three big strong heifers. 1-1½ yrs. old just short bred. Three good heifers breeding age. 6 heifers 1 mo. to 7 mo. old. Fancy Heifers.

Eight Reg. Cows:

4-H-Heifer-Born 1-14-81-Reg. Simpsons Burkgov Snowman-Twin with a heifer-Born 5-16-83 by Le-Del Superior.

4-H-Heifer-Born 12-24-81-Reg. Whittier-Farms Rocket Banker-Both won ribbons in Harrisburg.

Reg.-Kilinsdale Ivanhoe Jack-60 lbs. with a heifer calf by Tenor.

2-Reg. Harrisburg Gay Ideal

Reg.-Kilinsdale Whittier Elfac-60 lbs.

Reg.-Whittier-Farms Apollo Rocket-90 lbs.-A Day

Six other cows could have been Registered but papers were not kept up. This is a good young and good uddered herd of cows.

Cows milking and will milk up to 90-100 lb. per day. The herd is being dispersed due to health of owner. Holstein Breeder for 38 years. Anyone in need of top quality cows or heifers registered or grades should spend some time in Smoketown, Sat. Jan. 5 - Is one of the best herds we sold for sometime.

NEW YEAR SPECIAL

Reg.-Holstein Bull-20 months old. Proven Sire-Shardale Arlinda Chief Jemini.

TPI +464 G.M.-Daughs. Avg. 18,262m. 3.72% 679F.
DAM-Arlinda Jet Stream-Twin G.P. 83 5 yr. +1303m. +47F.

2-1	305d.	15,250m.	4.3%	655F.
3-4	305d.	19,640m.	4.5%	878F.
4-6	305d.	17,010m.	4.3%	723F.

Next Dam-Paclamar Bootmaker-G.P. 83-6 yr. +711m. +43F.

2-5	305d.	12,160m.	4.5%	546F.
3-5	305d.	15,690m.	4.6%	716F.
4-6	305d.	17,820m.	4.6%	822F.
5-8	305d.	22,690m.	4.6%	1054F.
7-1	305d.	21,310m.	4.6%	979F.
9-6	305d.	22,710m.	4.1%	920F.
	365d.	25,608m.	4.1%	

2 records over 11,000F.

TOP LOAD OF COWS AND HEIFERS OUT OF NEW ENGLAND STATES CONSIGNED BY JOHNNY JR.

Cows milked at regular time
Cash or good check night of sale

Sale managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller/Paul Snyder. Auct. AU000873-L
Henry Kettering, Pedigrees

PUBLIC AUCTION

SATURDAY, JAN. 5, 1985

10:00 A.M.

FARM EQUIPMENT
POTATO EQUIPMENT & TRUCKS

LOCATED: York Co., PA. Turn south off Rt. 30 at Wrightsville Exit, Follow Cool Creek Rd. T774 to East Prospect, continue staight on to Rt. 124 into Craley, turn right on Rt. 624 go approx. 1 mile to edge of Martinsville, turn left on to Hakehollow Rd. Follow to sale. Watch For Signs from Craley. (From Red Lion follow Rt. 624 to Martinsville & turn right at Hakehollow Rd.).

FARM EQUIPMENT

International 826 hydro w/dual hydraulic - roll bar w/roof, 75% rubber, Int. Farmall 656 diesel hydro w/dual hydraulic 90% rubber, Farmall 460 gas w/2 pt. hitch, Int. 2250 Quick Tach loader, Int. 1250 Grinder Mixer, Mohawk 7 tooth chisel plow 3 pt. & gauge wheels, Brillion Field culti. 14 ft., J.D. 3 pt. hilling culti., Oliver Transport Disk 11 ft. 6", J.D. 520 Sprayer w/booms & pump, Int. 710 - 3X semi mtd. plow - auto-matic reset, Bush Hog 12 ft. 3 pt. rotary mower, Int. 311 - 3X plow, New Holland Flail Chopper, 2 Gravity Bin wagons (New Holland & John Deere), Int. 47 Baler, J.D. Roto Bar Rake, 3 pt. weeder, New Idea 12 ft. lime spreader, Int. 2 pt. 7 ft. mower Model 100 Dynabalance, "JOHN DEERE 1440 NO TILL PLANTER W/DRY FERTILIZER & MONITOR", J.D. 38 ft. elevator, "JOHN DEERE 8250 GRAIN DRILL W/FERTILIZER, GRASS SEED BOX & DOUBLE DISK OPENERS", 2 STAUFFER tobacco planters, "INT. 2 ROW POTATO PLANTER W/FERTILIZER & INSECTICIDE", John Deere Model 30 level bed potato digger, 2 row 3 pt. culti., J.D. 34 Single Beater Spreader, "DAHLMAN 2 ROW POTATO HARVESTER", Diltz Wetzel potato cutter, Haines seed duster, Bogg potato grader, spare parts for potato diggers, 20 belt elevator, 2 - 234 Int. Mtd. corn pickers Mtd. for 656, E-Z Trail 12 & 10 ton wagon w/19 & 20 ft. beds & floatation tires, (2) 2 wheel dump trailers, 14 ft. Bulk body for potatoes, Spike Harrow, tobacco harrows, 2 water wagons, V snow plow, 3000 tomato baskets, Brillion 10 ft. cultipacker, J.D. post hole digger, 2 pt. 2 row corn planter, potato bags, tobacco shears, spears, & lath, tobacco baler, 10 calf hutches, 2 farring crates, hydraulic cylinders, Int. front & rear weights, diesel & gas fuel tanks, J.D. 216 forage wagon, New Idea P.T.O. fertilizer spreader 4000 lb. cap., Int. 550 2 row Harvester, J.D. 310 transport disk 13 ft., 2 row mechanical planter, 4 row Brady Stalk Shreader, Int. 990 9 ft. Haybine, 12 ft. plowing disk w/tandem wheels.

TRUCKS & CARS

1974 GMC 6500 Series - 16 Ton Hoist & 15' Grain Bed, 24,000 G.V.W.

1972 Chev C60 Series - 20 Ton Hoist & 18' Grain Bed, 30,000 G.V.W.

1955 Mercury Hardtop - 62,000 miles - 2 door Monterey.

1963 Corvair Spyder Turbo - 2 door - 4 speed.

1972 Chev Pick-up.

Single axel Trailer, 500 gal. gas tank & pump, garage tools & garden tools.

TERMS: CASH OR GOOD CHECK, FULL SETTLEMENT SALE DAY.

CLAIR REXROTH
R.D.#1 Wrightsville, Pa.
244-0362

AUCTIONEER:
Blaine N. Rentzel & Son
Emigsville, Pa.
717-764-6412
Pa. Auctioneer's Lic. #'s #761 & #1442

MR. AND MRS. CLOYCE PINNEO

VINEYARD EQUIPMENT AUCTION

SATURDAY, DEC. 29, 1984

11:00 A.M.

PENN YAN, (YATES CO.) NEW YORK

Sale to be held at the farm, 3289 Skyline Drive, just off Rte. 54-A at Kinney's Corners, about midway between Penn Yan and Branchport.

Retiring from farming selling well cared for line of machinery as follows:

8 Nice Small Tractors: 1979 J.D. 950 diesel, 3 pt., 531 hrs.; Case (David Brown) 885 diesel, (narrow guage), 3 pt., 1473 hrs.; David Brown 780 diesel, 3 pt., 1283 hrs.; David Brown 770 diesel, 3 pt., 2047 hrs.; M.F. 135 gas, (narrow guage), 3 pt., 2293 hrs.; J.D. 420 gas, 3 pt., 3434 hrs.; I.H. 108 Cub Cadet with 40 in. belly mower, blade and dump utility trailer; Oliver OC-4 gas crawler, p.t.o. and 3 pt.; David Brown all hydraulic front loader with manure pitcher, 70 in. blade and 42 in. bucket; Kuchyt full rear mount hydraulic forklift unit; Tecnoma 165 gal. trailer type air blast sprayer; Myers 200 gal. trailer type sprayer with fiberglass lined tank; Myers 100 gal. 3 pt. sprayer; set of electronic spray controls and over-row spray boom unit; 2 Shaver all hydraulic post drivers; 2 Howard model "E" 3 pt. 50 in. rotovators; Vicon 3 pt. broadcast spreader; Olson 50 in. cut trailer type flail brush chopper; N.I. 3 pt. 5 ft. flail brush chopper; 5 ft. and 50 in. cut 3 pt. rotary mowers; Ford 3 pt. post hole digger with 6 and 9 in. augers; Ford 3 pt. 6 ft. heavy scraper blade; 3 pt. crane; 3 pt. post driving cart; 1150 orange plastic grape picking trays; 6 plastic lined tote bins; 3 pt. tool bar vineyard digger with deapth wheels; J.D. 3-14 tool bar mounted 3 pt. plow; grape take out; J.D. 3 pt. vineyard disk; J.D. 5 mower; J.D. p.t.o. pulley; 3 pt. buzz saw with 2 blades; 4 stone boats; 50 gal. barrel type 3 pt. weed sprayer with p.t.o. pump, controls and boom; Easy Flow vineyard sower; 10 ft. double cultipacker; 2 wheel 10 ft. vineyard trailer; 9 ft. utility box trailer; 1965 Dodge 6 cyl. farm truck with Edbro hoist, 14 ft. flat deck; 1959 Chevy. Viking, (motor runs and has good Edbro hoist); nice reconditioned 1950 Ford "Custom" 2-door car with 45,000 original miles!

Small Items and Accessories: 14 ft. alum. boat; Johnson 2½ h.p. motor; Ski Doo "Olympic" 10 h.p. snowmobile; Myers portable 1½ in. pump; heavy duty platform scale; 1928-29 Model "A" motor; pick-up tool box; log chains; 2 275 gal. fuel tanks; set 28 in. tractor chains; set 8.25-20 dual wheel truck chains; 3 zon guns; Pioneer chain saw; 4 telephone poles; 4 rolls jute tying twine; 2 boxes of twistems; Lincoln 225 welder; cutting torches; small tools and hardware; hand corn sheller; Station Agent pot belly wood stove; etc.!

Terms: Cash or good check day of auction. Proper I.D. required! Nothing to be removed until settled for.

A good sale!

Owned by
MR. AND MRS. CLOYCE PINNEO
315-536-6563
Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520
Lunch available!

Dairy and Livestock Sales

POTTER COUNTY DAIRY AUCTION

MONDAY, DECEMBER 31, 1984

12:00 Noon
Ulysses, Pa.
(Watch for arrows on Main St. Rt. 49)

40 REGISTERED & GRADE HOLSTEINS 40
(10 Reg. 30 Grades)

Mostly just fresh or due January.
2 Reg. Holstein and 1 Jersey Service Sires.

75% FIRST CALF HEIFERS

Interstate Tested, Catalogs, Innoculated with Somnus.

Bring Your Snowmobiles and Enjoy New Year's Eve in Potter Co.!

For information call:
JERRY PIRRUNG SALES
Ulysses, Pa. 814-848-7421 AU-001646-L

RIDGE CREST FARMS

MILKING HERD AND CLOSE BRED HEIFER DISPERSAL

SATURDAY, JANUARY 5, 1984
11:00 P.M.

Auction to be held on the farm located at RD 1 Womelsdorf, Tulpehocken Twp., Berks County, Pa. From rt. 422 at Womelsdorf go north on rt. 419 5½ miles and turn right onto Summer Mt. Road to 1st farm on left or exit off I78 at Rehrersburg exit and go south on rt. 419 to Summer Mt. Road.

72 REGISTERED AND GRADE HOLSTEINS

34 Registered 38 Grades
67 Milking Animals 5 bred heifers due Jan. to March
12-84 RHA 16,007 4.0 637
15 recently fresh 8 due Jan.-Feb. 7 due March-April

FEATURES SELLING

Outstanding Jetstream sells with her Creek daughter:
Vailand Jet Stream Candy with 3-2 341 20373 3.7 752
Due Feb. to Basic. Her daughter by Creek with 1-10 356 12282 4.5 556-Just fresh.
Another Jet Stream dau. **Rumshaven Jet Stream Agnes**
5-0 284 19845 4.1 820-Fresh again late Oct. and milking 100 lbs.
Limestone Standout Strephon dau. **Melondy Standout Ritzey** with over 20,000 sells with her Spirit daughter that is just fresh.
Job daughter - **Drakeland Standout Letty** with 3-3 326 18250 3.8 693
Fresh Sept. Her Creek Bluff JS Noah dau. also sells fresh in Sept. and milking 57 lbs.
Good Grade Cattle Selling:
Tag. 17 4-4 305 22404 3.7 818
Fresh August and bred to Basic
Tag. 20 5-2 325 20306 3.8 777
Fresh late Oct. and milking 84 lbs.
Tag. 40 4-3 282 18105 4-2 758
Fresh late Oct. and milking 75 lbs.
Tag. 62 sired by Fivebrooks Starfire
3-11 305 18741 4.3 814
due Feb. to Ca-Lill Boardwalk

SERVICE SIRES

Crescentmead Chief Stewart, Marlu Basic, Fivebrooks Starfire, Reu-Hel Farms Chief Standard and Reckers Freedom

30 day tests **DHIA Charts** **Pregnancy examined**
health chart **tent**

NOTE: This herd is only beginning to start to make some outstanding records and certainly merit your attention if in need of cattle that will only get better. The nucleus of this herd originated at the farm of Robert K. Hellmers, Equinunk - the home of CREEK BLUFF ELEVATION LESTER.

DALE HOOVER,
PEDIGREES
RD 4 Box 805
Lebanon, Pa. 17042
717-867-2489

HARRY H. BACHMAN,
AUCTIONEER
138 College Ave.
Annville, Pa. 17003
717-867-1809

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

PUBLIC SALE

Located 1 mile East of Franklin Square from Route 125, midway between Shamokin and Hegins.

Tues., Jan. 1, 1985 10 A.M.

Real Estate: 8 Acre mini-farmette, 2½ story Wood Frame 2 Bedroom Home 1st Floor has Living Room, Kitchen, Enclosed Porch has a Laundry Room. 2nd Floor has 2 Bedrooms, Sewing Room and Bath 1218 sq ft Living Space, Oil Hot Water Radiator Heat and Underground Oil Tank. Well and Septic, 60 amp service, Tin Roof, Shingle Siding Tax Approximately $208 Located in Eldred Township, Schuylkill County Cement Block Garage

Terms 10% Down and Balance in 30 Days. REAL ESTATE will be offered at 1:00 P.M. For Property Inspection call (717) 648-2056.
Snow Date, If Needed, Sat., January 5th.
Assorted Household Items will also be sold.
Not Responsible For Accidents.

JOSEPH MORGAN, Owner
John T. Pfeiffer, Attorney
Mark D. Seiler, Auctioneer
AU-000823L 717-425-2180

Happy Holidays & A Healthy & Prosperous New Year

To All Our Friends
Who Have Helped
Support My Auctions
Over The Past 22 Years.

Col. FRED R. DANIEL
Auctioneers, Inc.
Neshanic Sta., N.J.
201-369-4784

250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY JANUARY 4, 1985

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

* 2 Load Work Horses and Mules consigned by Ward Wright.
* 30 Head Work Horses from Canada consigned by Frank Carper.
* 1 Load Work Horses consigned by Tom Collins.
* 1 Load Work Horses consigned by Jap Steelman.
* 1 Load Work Horses consigned by Jim Howard.
* 1 Load Work Horses and Driving Horses consigned by Bud Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.
* 1 Load Driving Horses consigned by Levi B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale Fri. Jan. 18

TUES. MAR. 12 - Public Sale of Farm Equip. Location: Along Rt. 141 Midway between Mt. Joy and Marietta, PA. Sale by Leroy R. Heisey. Raymond Miller and Rufus Geib, Auctioneers.

THURS. MAR. 14 - World Relief Heifer Sale. Donations will be accepted of Registered, Grade Holsteins, any breed, bred or open heifers. Registered 6 months or older and grade 1 yr. or older. Located: Lincoln Hwy. East, Guernsey Sales Pavilion, Lancaster, PA. All sale proceeds will be donated to Mennonite Central Comm., Akron, PA. John Umble, Omar Stoltzfus, Lee Kurtz, Auctioneers.

THURS. MAR. 14 - Public Consignment Sale by Messick's Farm Equip. Location: Rt. 283, Rheems, PA, Exit. Raymond Miller and Rufus Geib, Auctioneers.

FRI. MAR. 15 - 5 PM Tractor and Truck Sale. Kempton Community Center inside Northern Berks Co. Russell Henry 215-756-6511.

SAT. MAR. 16 - 9 AM. Farm Eq. & small items. Kempton Community Center, Northern Berks Co. 12 Auctioneers. Russell Henry 215-756-6511.

SAT. MAR. 16 - 9:30 AM Public Auction of Farm Machinery & Household Goods. Located off Rt. 45 in Harleton, 6 miles west of Mifflinburg. Lewis Twshp, Union Co. Terms by: Daniel H. & Mary Martin. Paul Horst, Auctioneer.

SAT. MAR. 16 - 9:30 AM Public Auction of Shop Tools, Farm Eq., Household Goods & Guns. John & Mabel Nolt, RD 5, Newville, Cumberland Co., PA. Lamar & Melvin Sesenig, Auctioneers.

MON. MAR. 18 - M. M. Weaver's Annual Farm Equipment Auction. Located N. Groffdale Rd., Leola, PA. Paul E. Martin & John D. Stauffer, Auctioneers.

TUES. MARCH 19 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

2 DAY PUBLIC SALE

OF ANTIQUES, CHINA, GLASSWARE, DISPLAY CASES, JEWELRY & FURS

SATURDAY, DEC. 29, 1984
NEW YEAR'S DAY—
TUESDAY, JAN. 1, 1985
SALE TIME BOTH DAYS—
9 A.M.

Located at 17 Gerhart Avenue (just off S. State St.) Ephrata, Lanc. Co., Pa.
(Sale to be held in heated building).

Large Oak Display Cabinet; Large Birch Display Cabinet; Oak & Glass Display Cases; Oak Curved Glass Cabinet; Shelving; Office Desk; Young Forks and Rakes; Gone with Wind Lamps; 1887 Map of Ephrata.

IRON – Kettles, Cast Iron Fire Engine; Shaft Bells; Iron Trough; Coffee Grinder; Demi-John; Crocks; Picture Frames; Baskets.

WOOD – Stompers, Bucket.

GLASS – Paper Weights, Cake Stand, Crystal Bowls; Hand Painted Water Set; Imperial Glass (Green, Clear, Ruby, Satin, Vaseline); IMPERIAL Water Sets, Commemorative Plates, FENTON Glassware; Pressed Cut Glassware; Depression; Vaseline Hobnail; Ruby Hobnail.

Many Brass Items – Carnival Candy; PEWTER – Plates, Xmas Plates; INTERNATIONAL SILVER & PEWTER COMMEMORATIVE PLATES; Miniature China Items.

CHINA – Set of Flow Blue Sheffield "Elegence," Stoneware, "Liberty Blue Independence Mall" Tea Pots; Tea Sets; BING & GRONDAHL – Commemorative Plates; CALENDAR Plates; Glenview Pottery Comm Plates; Cook Books; HALLMARK Xmas Decorations; many Xmas Decorations; Lots of Costume Jewelry; Old Toys and Games; Mechanical Toys; LINENS – Shawl, Wool Spread.

FINE JEWELRY & FURS

Jewelry-Diamond & Gold Rings, Cameo & Gold Rings, Pearl & Gold rings, Diamond & Gold Pendant, Emerald & Gold Pin, Sterling Rings, Pearl Bracelet Diamond & Gold Bracelets, Opal & Gold Pendant, Sterling & Crystal Earrings, Diamond & Gold Earrings Model 75 Hamilton Watch, Model 750 Hamilton Watch, Gold Bulova & Other Gold Watches.

FURS Beige, Autumn Haze, Silver-Blue, Blue-Gray & White Mink Coats, Stoles, Hats, Etc. Black & Brown Persian Lamb Coats, Dark Brown & Tan Labrador Seal Cape & Jacket, Brown Squirrel Cape.

For Complete List Of Jewelry & Furs Send Stamped, Self-Addressed Envelope To:
T. Glenn Horst & Son, Inc.
12 Fairview Drive
Akron, Pa. 17501

Terms by:
DOROTHY R. SUMMERS ESTATE
T. Glenn Horst, Auct.
Tel. 717-859-1331 – AU000438L
Timothy G. Horst, Auct.
Tel. 717-738-1245 – AU001767L
Eaby & Eaby, Attys.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. MAR. 22 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT MAR. 23 - Public Auction of Farm Eq located west of Millersville along Rt. 999. Ernest & Anna Mary Lefever, Owners. Paul E. Martin and John D Stauffer, Auctioneers.

SAT. MAR. 23 - Public Auction of Farm and Dairy Equip. Located in Cumberland Co., near Mechanicsburg. Ervin & John Holtry, Owners. Foreman Auctioneers.

SAT. MAR. 23 - Public Sale of Farm Equip. and Household Goods Location. Along Rt. 441 midway between Marietta and Bainbridge, PA. Sale by Ben E. Thuma. Raymond Miller and Rufus Geib, Auctioneers

WED. MAR 27 - 3 PM Eastern Lam and Goat Sale at the Belleville Livestock Mkt., Belleville, PA. 717-935-2146.

FRI MAR. 29 - 9 AM Farm Equipment New Holland Sales Stables, Inc , Auctioneers.

SAT. MAR. 30 - 10 AM Horse Sale. Keister's Middleburg Auction Located along Rt. 522 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA

SAT. MAR. 30 - 5 PM Public Auction of the 3rd Annual Lancaster Farm Toy Auction, Show & Sale. Located at the Lancaster Treadway Inn, Rt. 30 and Oregon Pike, Rt 272, Lancaster, PA. Wally Hooker, Auctioneer.

SAT. MAR. 30 - 9 AM Public Sale of farm machinery, household goods, antiques, barn and shop items. Located RD 4, Lititz, along Lincoln Rd Alvin K. Bollinger, Owner Kline & Kreider Auctioneers.

APRIL

FRI. APR.-12 - 7 PM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT. APR. 13 - 11 AM. Tractors, Full Line Farm Machinery, Guns George Hutchinson Sale, Rt. 443, Fishing Creek Valley North of Hbg. Kerry Pae Auctioneers, Harrisburg, PA 717-236-3752.

FRI. APR. 19 - 9 AM Farm Equipment New Holland Sales Stables, Inc , Auctioneers

SAT APRIL 20, 1985 - Public Auction of the 19th Annual Colonial Charolais Spring Sale. Located at the Frederick Fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc Buzz Garey, Manager.

TUES. APRIL 23 - Public Consignment Auction in Kirkwood, PA. Lancaster County Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction R 1, Box 329, Kirkwood, PA. 17536.

FRI. APRIL 26 - 6 PM Special Heifer Sale (Springers, Open and Yearlings) at the Belleville Livestock Mkt., Belleville, PA. 717-935-2146.

SAT. APR. 27 - 10 AM Horse Sale. Keister's Middleburg Auction. Located along Rt. 522 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA.

MON. APR. 29 - Farmersville Equipment Spring Lawn & Garden Auction. Located in Farmersville, PA. Paul E Martin & John D. Stauffer, Auctioneers

MAY

FRI. MAY 3 - 7 PM Horse Sale. New Holland Sales Stables, Inc , Auctioneers.

SAT. MAY 18 - 10 AM Grade Heifer. New Holland Sales Stables, Inc., Auctioneeers.

FRI. MAY 24 - 9 AM Farm Equipment. New Holland Sales Stables, Inc , Auctioneers

JUNE

SAT JUNE 8 - 10 AM Registered Heifer. New Holland Sales Stables, Inc., Auctioneers.

SAT. JUNE 22, 1985 - Public Auction of the Colonial World Class Sale '85. Located at Riverwood Farms, Powell, Ohio. Sponsored by Colonial Charolais Assoc. Buzz Garey, Manager.

JULY

FRI JULY 12 - 7 PM Horse Sale. New Holland Sales Stables, Inc , Auctioneers.

AUGUST

FRI AUG. 2 - 9 AM Farm Equipment. New Holland Sales Stables, Inc , Auctioneers

SEPTEMBER

FRI. SEPT. 6 - 7 PM Holstein Promotion. New Holland Sales Stables, Inc., Auctioneers.

FRI. SEPT. 13 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers

SAT. SEPT 28 - 10 AM Fall Heifer Sale. New Holland Sales Stables, Inc , Auctioneers.

Dairy and Livestock Sales

OCTOBER

WED. OCT. 30 - 9 AM Dairy Show. New Holland Sales Stables, Inc

NOVEMBER

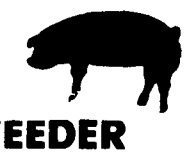
FRI. NOV. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

FEATURING FIRST AND THIRD MONDAY EACH MONTH



GRADED FEEDER PIG SALE

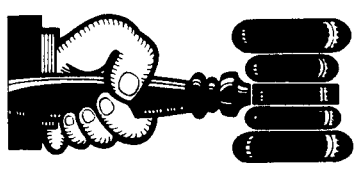
1:00 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs.
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES



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KLINE & KREIDER AUCTIONEERS

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RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1006
717 569 8701

LLOYD H. KREIDER
AUCTIONEER
717 786 3394

PIGS

STATE GRADED SALE
FRI., DEC. 28
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md
Phone (301) 848-9820

FOR COMPLETE AUCTION SERVICE

Call 717-786-4624

AUCTIONEER
STEVE PETERSHEIM
Box 152 Bart
PA 17503

Merry Christmas to All

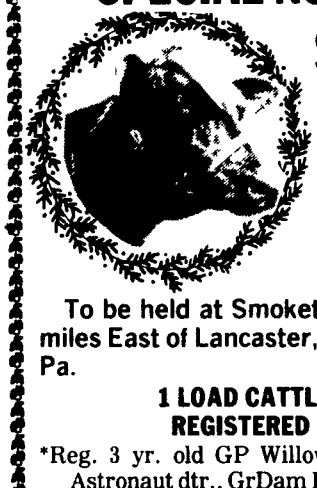
With sincere thanks for your continued patronage and friendship this past year.

PROFESSIONAL *Auctioneering*

PAUL E. MARTIN
R.D. 1, Box 553
Stevens, Pa. 17578

JOHN D. STAUFFER
217 Andrea Dr.
Lititz, Pa. 17543

SPECIAL NOTICE * * * * * DAY SALE



SPECIAL HOLSTEIN HOLIDAY SALE

FRIDAY, DECEMBER 28, 1984
12:30 Noon E.S.T.

To be held at Smoketown Quality Dairy Sales Co., Rte. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Smoketown, Pa.

1 LOAD CATTLE OUT OF NEW ENGLAND STATES, REGISTERED AND GRADES, COWS & HEIFERS.

*Reg. 3 yr. old GP Willow Farm Rockman Ivanhoe dtr., fresh. Dam-Astronaut dtr., GrDam R-Maple with 4 records from 4.0 test to 4.4 test.
*Reg. 2 yr. old Willow Farm Rockman Ivanhoe due 1/3/85 to Pete son.
*Reg. Sooner Elevation Chip dtr., fresh. Dam's 5 year old record 305 dys. 20,050M 646F.
*Reg. 3 yr. old C-Shorelea Citation Mark-A, 2 year old record projected to 22,341M.
*Reg. 4-H Heifer, a 2 yr. old Roybrook Sterling due 12/31/84 to Bootmaker son.

14 Grade Cows and Heifers out of one dispersal.

There will be several more Registered Heifers and Cows consigned to this sale.

Also 2 Registered Holstein Bulls - Big strong bulls ready for service.

1. Sire-Windswept-M Majestic. Dam's Sire-Long Haven Imperial Knight. Her records 2 yrs. 331 dys. 16,875M 634F; 3 yrs. 279 dys. 19,189M 669F; 4 yrs. 314 dys. 20,247M 783F; 5 yrs. projected 21,500M 800F. GrDam's records 2 yr and 3 yrs. from 14,000 to 17,000 Milk.
2. Sire-Sunnycraft Chief Spirit. Dam's Sire-Hill Haven Standout Job GP 81. Her records 2 yrs. 305 dys. 19,576 633F; 2 yrs. 339 dys. 21,589M 709F; 4 yrs. 365 dys. 25,235M 878F. 2nd Dam's Sire-Arlinda Jet-Stream-Twin GP 84. Her records 2, 3 and 4 yr. old from 17,000 to over 23,000 milk and up to 920 fat.

GIFT TO EVERYONE WHO BUYS A COW.

Sale by
SMOKETOWN QUALITY DAIRY SALES, INC.
GORDON & HELEN FRITZ
717-393-0930

"WE DON'T SELL QUANTITY---WE SELL QUALITY!"

MERRY CHRISTMAS AND A HAPPY NEW YEAR

Thanking you and hoping that you and yours will know the beauty that is Christmas. Long after the holiday season has gone...just keep it in your heart and it will never depart.

Gordon & Helen Fritz

SPECIAL NOTICE--DAY SALE

1985 SPRING AUCTIONS

MONDAY, FEBRUARY 25, 1985-	**Swope and Bashore Farm Equipment Auction**	Located in Frystown, PA
FRIDAY, MARCH 1, 1985-	**Paul Weaver-Farm Equipment Auction**	Located Southeast of Lititz, PA (near the airport)
SATURDAY, MARCH 2, 1985-	**Larry Stauffer-Farm Equipment Auction**	Located near Farmersville, PA
MONDAY, MARCH 4, 1985-	**Paul Z. Martin-Farm Equipment Auction**	Located between Richland and Millbach Lebanon County, PA
MONDAY, MARCH 11, 1985-	**Weaver Martin-Farm Equipment Auction**	Located west of Ephrata, PA
MONDAY, MARCH 18, 1985-	**M M. Weaver's Annual Farm Equipment Auction**	Located N Groffdale Rd , Leola, PA
SATURDAY, MARCH 23, 1985-	**Ernest Lefever-Farm Equipment Auction**	Located west of Millersville, PA along Route 999
MONDAY, APRIL 29, 1985-	**Farmersville Equipment Spring Lawn & Garden Auction**	Located in Farmersville, PA

NOTE: If you are planning a Spring Auction, call now to reserve your date. Or if in need of good used farm equipment, watch for further ads. for these auctions.

COMPLETE PROFESSIONAL AUCTIONEERING SERVICES

Paul E. Martin, Auctioneer
R.D.#1
Stevens, PA Phone: 733-3511

John D. Stauffer, Auctioneer
217 Andrea Drive
Lititz, PA Phone: 665-5099

C.H. WOLGEMUTH
RD #2 MANHEIM
PA
AUCTIONEER
Member of
COMPLETE
AUCTION SERVICE
CALL
717-665-5664

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

SEASONS GREETINGS FROM MEL KOLB, INC.

LANCASTER, PA

WOODSBORO, MD

125 HD. FRESH COWS PUREBREDS AND GRADES
250 Big Fancy Grade & Purebred Springers
20 500 lb. Open Heifers
30 Shortbred Heifers
Purebred Service Age Bulls with good records

ELEVATION
DAM-KINGPIN 3-0 18,393 678
LESTER
DAM-CHARMCROSS 3-0 18,000 4.4 826

PREVIEW OF POND HOLLOW FARM DISPERSAL

THURSDAY, JANUARY 3, 1985 11:00 A.M.

held at MELVIN KOLB, INC. LANCASTER, PA. FARM

80 HEAD OF REGISTERED HOLSTEINS
60 MATURE MILK COWS

* 5 HEIFER CALVES*
20 HEIFERS DUE JANUARY-JULY '85

DTERS OF POPULAR SIRES SELLING

VALIANT
ELEVATION

GLEN VALLEY STAR
ASTRONAUT

CHAIRMAN
TRADITION

SOME OF THE TOP COWS SELLING
A 3 Yr. Old Valiant (never scored but potential to go High VG)
2-01 365D 17,897 4.4 780
Due 4-1-85 Roybrook Starlite
DAM: 85 Pt. Standout Job
360D 18,912 4.1 784
Nx DAM: 90 Pt. ELEVATION
359D 22,324 4.1 934
Nx DAM: 91 Pt. 2E Kingstead Ivanhoe
365D 21,167 4.1 872

NEXT 3 DAMS ARE AU VG OR EX WITH HIGH RECORDS
A 3 Yr. Old Glen Valley Star (never scored but potential to go EX)
2-10 365D 21,587 3.7 797
Due 1-18-85 Maize Valley Chief Starlite
DAM: VG ELEVATION EX MAM
323D 24,151 3.4 838

25 COWS WITH RECORDS OVER 20,000
HERD MILKING 52.9 DAILY w/a 4.2 TEST
WATCH NEXT WEEK FOR COMPLETE DETAILED AD

Immediately following the herd we will sell 65 HD. of hand picked Grade & Purebred Fresh Cows & Springers with excellent records, type, depth of pedigree & popular blood lines

We would like to thank all of you for your friendship & patronage in 1984. May you and your families be blessed with a Healthy & Happy New Year.
MEL & DENNIS KOLB

PRIVATE SALES DAILY
PUBLIC SALES MONTHLY

We look forward to seeing you at the next Lancaster, Pa. Sale THURSDAY JAN. 3, 1985 11:00 A.M. 717-569-6800/2106
Woodsboro, MD. Next Sale
THURSDAY, JANUARY 17, 1985
11:00 A.M.
301-898-7720/7663

For us Men

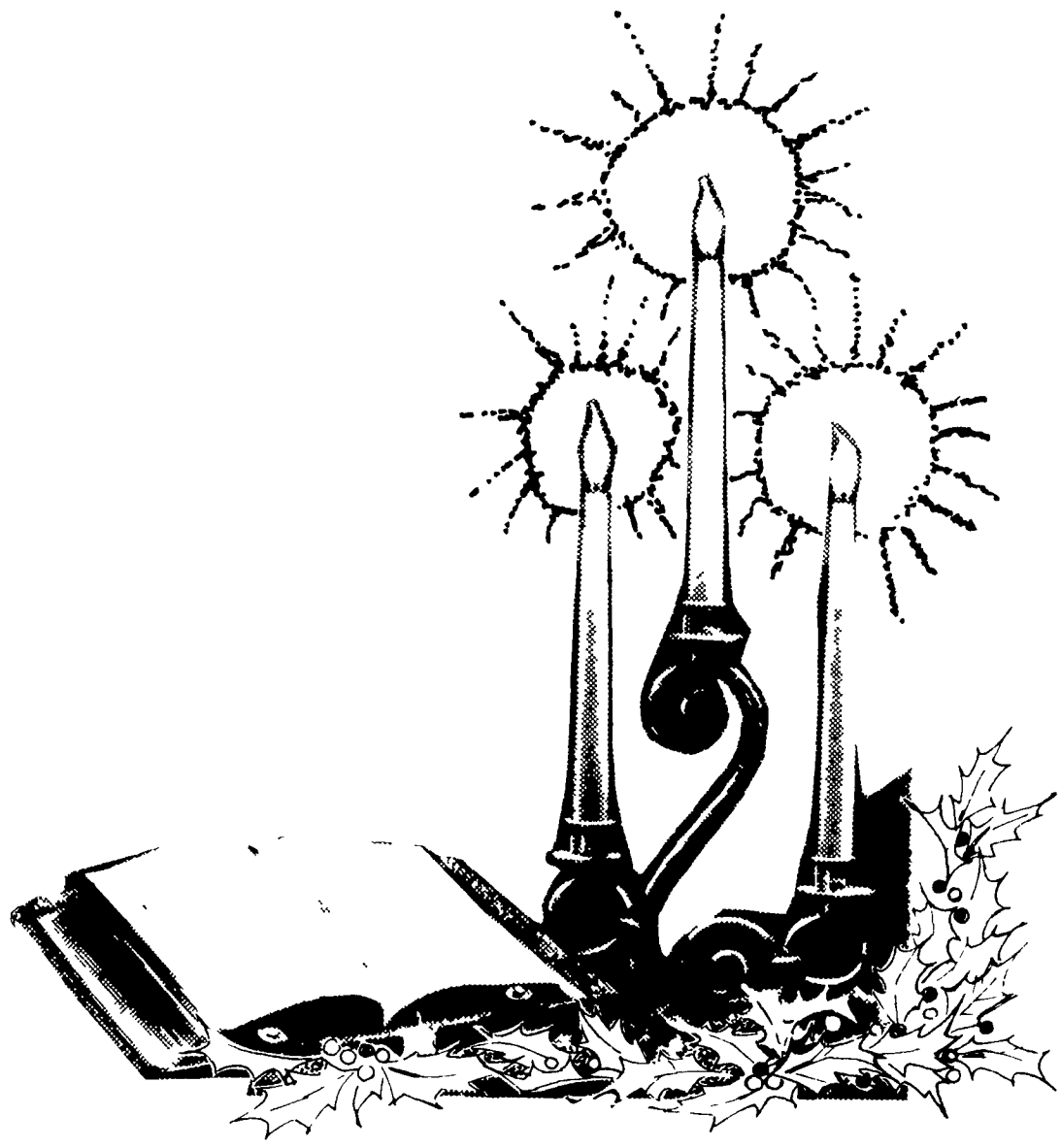
And For Our Salvation

He Came Down From Heaven

By The Power of the Holy Spirit

He was Born of the Virgin Mary

And He Became Man



HESS MILLS
Paradise PA

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OF FONTANA

HESS MILLS
Unionville, PA

WEST WILLOW
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HIGH BROS.

KEYSTONE MILLS

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COAL CO.

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DAVIS
FEED MILLS

SOUTHERN DIVISION
West Willow Farmers Assoc Inc

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